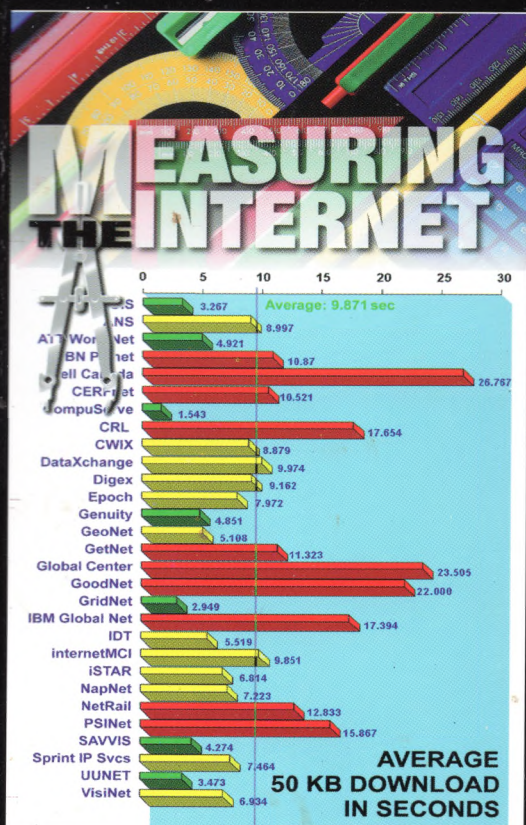


PERFORMANCE TESTS FOR 29 INTERNET BACKBONE PROVIDERS

INTERNET SERVICE PROVIDERS



*BIMONTHLY
DIRECTORY
July/August 1997*



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Backbone Facts

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INTRODUCTION

to the July/August 1997 Directory of Internet Service Providers

by Jack Rickard

Welcome to the July/August 1997 issue of the *Directory of Internet Service Providers*. In this issue, we are

pleased to present 31 national backbone provider profiles and detailed listings on some 4,009 Internet service providers.

The directory continues to evolve and we've done a couple of interesting things in this issue. First, the growth in numbers of Internet service providers has made our original presentation a bit impractical. We had begun our listings under the theory that anyone should be able to pick up a copy of the book, go to THEIR area code, and see a listing of ALL the ISPs that offered service in their area.

Neat idea, but the page count reached 516 with our last issue and the directory became a bit of a wag even to haul around under your arm. In this issue, we have taken the service providers that provide dial-up access on a national basis - 25 area codes or more, and moved them into their own "National Dial-up Access Providers" section. This keeps them from being redundantly listed in each area code. Hopefully this change will result in a more usable directory, as well as a lighter one.

The most striking addition in this issue is a relatively enormous series of measurement graphs of national backbones. There has previously been no clear performance metric for comparing backbone performance. With the help of Keynote Systems, we've amassed some 1.7 million download sample data points measuring actual performance and consistency across 29 national backbones as viewed from 27 different cities. The data in aggregate boils down to a fascinating series of performance profiles that we think mark a milestone in Internet coverage. For the first time, you can view actual performance statistics on backbones side-by-side that provide some useful measure of quality and consistency of service.

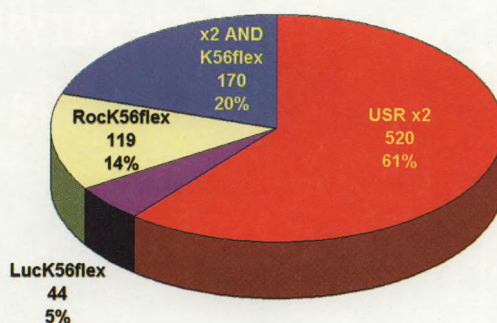
This can be useful even in comparing local dial-up ISPs. In the individual ISP listings, we show what backbone(s) they in turn are connected to. Picking an ISP connected to a fast backbone doesn't precisely guarantee you a good connection, but picking an ISP connected to a slow one pretty much does guarantee you a poor one.

Of 4,009 ISPs, they cumulatively sport some 5,779 connections to various backbones - reflecting the current vogue to have more than one connection to more than one backbone.

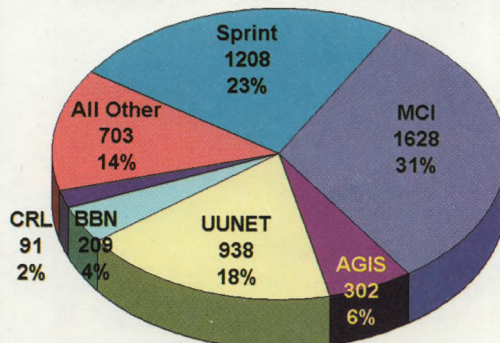
InternetMCI continues to dominate this area with over 31 percent of the connections and over 40 percent of the ISPs connected to them.

The battle over 56 kbps connections continues, and as we predicted, it is quite important to end users who do want faster connections. An ITU standard remains off on the horizon at least until early 1998. US Robotics continues to dominate this area. Some 853 ISPs comprising 21.28 percent of all ISPs offer some form of 56 kbps connection. Some 636 or nearly 75 percent of those are supporting US Robotics' x2 standard. Rockwell's flavor of K56flex is supported by 219 ISPs or nearly 26 percent while 128 support Lucent Technologies flavor of K56flex for about 15 percent. A lot of Internet Service Providers are hedging their bets with 170 of them or 20 percent of those supporting 56 kbps technologies are supporting MORE than one - usually x2 and either Lucent or Rockwell's K56flex. The accompanying chart breaks out those who ONLY support one and count the 170 who support both as a separate pie segment.

853 ISPs of 4009 Support 56 kbps (21.28%)



5079 Backbone Connections from 4009 ISPs



The "consolidation" of ISPs still doesn't appear to be happening. The accompanying table shows growth across the issues of this directory we've published. There IS a lot of excitement over acquisitions and large companies buying into the business. GTE purchased BBN since our last directory and ICI has purchased Digex. A lot of large players are coming INTO the market with the result that almost anyone in the business may be a millionaire and they just haven't gotten the word yet. But we're not seeing anyone getting out. Growth in the sheer number of ISPs is flattening, but continuing.

ISPs are also getting bigger. When we started the directory, the average ISP had less than 2,000 customers and about 12 employees. With this issue, we are seeing an average number of subscribers of 3,028 and an average number of employees of 16.

The top dozen states by ISP distribution:

California	527
Texas	244
Florida	237
New York	206
Illinois	160
Ontario	148
New Jersey	142
Washington	135
Ohio	130
Michigan	128
Virginia	118
Pennsylvania	114

We have announced the 1997 Internet Service Providers Convention, August 20-23rd, 1997 at the San Francisco Hilton and Towers Hotel in San Francisco. Robert Pepper, Chief of the Office of Policy and Planning for the FCC will keynote and major sponsors include Cisco Systems, Compaq, Bay Networks, Digital Equipment, Rockwell Semiconductor Systems, and US Robotics. Over a thousand ISPs have already registered from over 40 countries, making this the largest gathering of Internet Service Providers ever held already, and it hasn't been held yet. More info at www.ispcon.com.

In any event, the *Directory of Internet Service Providers* has essentially gained position as the industry bible for Internet access. We do hope you find this latest issue useful and informative. More to come...

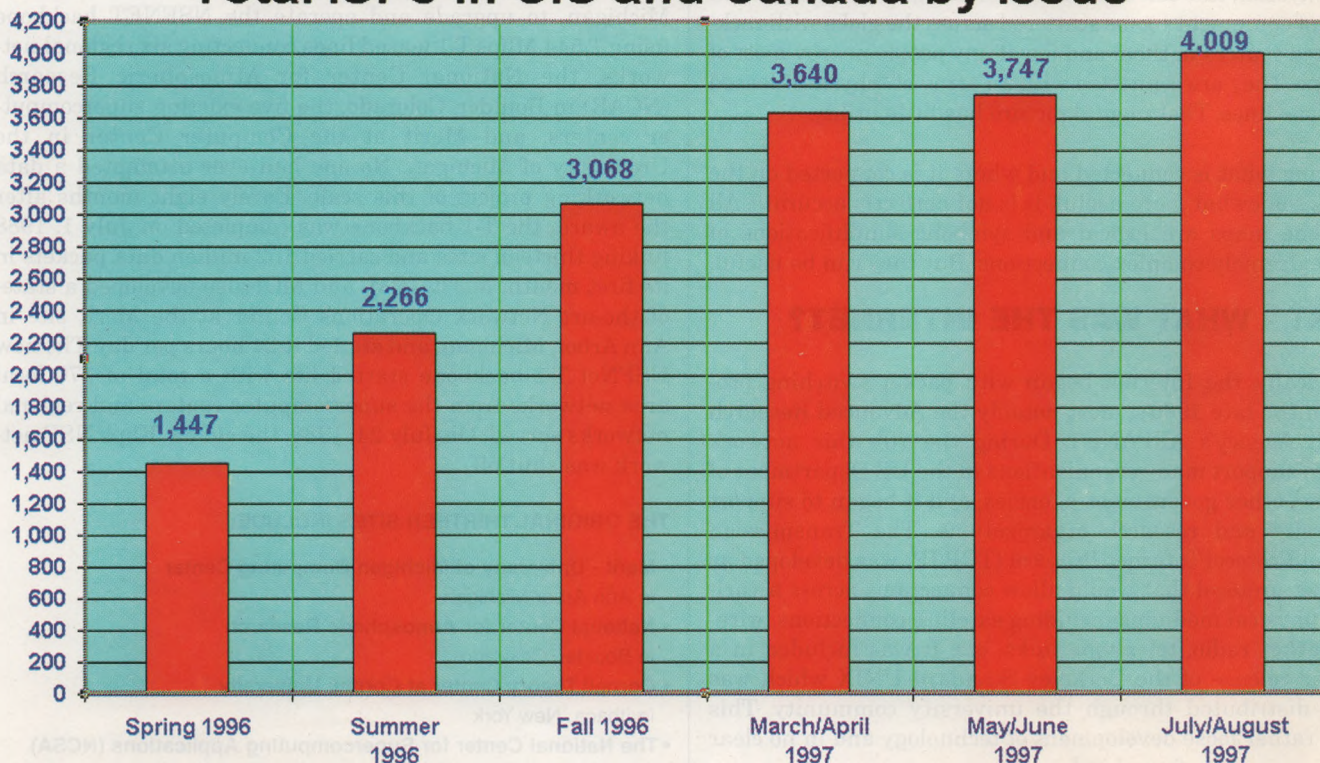
Jack Rickard
Editor Rotundus

Gary Funk
Technical Director



Gary Funk
Technical Director

Total ISPs in U.S and Canada by Issue



INTERNET ARCHITECTURE

by Jack Rickard

THE INTERNET - WHAT IS IT?

We received a large number of calls as a result of our first *Directory of Internet Service Providers* - virtually all seeking the same thing. The wording varied, but the question was the same - "How do I get the GOOD Connection to the the Internet?" It is a question without answer. The Internet is a complicated matrix of connections in a constant state of upgrade with some 3600 vendors making changes on a daily basis. But it is a legitimate question. Connections do vary, sometimes dramatically. All T-1 links are not created equal, all backbones are not created equal, and all Internet Service Providers are simply not created equal. Pricing and performance are near chaos, with little connection between the two.

And after talking with our readers at some length, what we found is that they were really struggling to form a mental picture or map of the Internet in an attempt to locate themselves on it. It's a bit of a geography exercise - "Where am I?" And the corollary, "Where do I want to be?"

It is helpful, in dealing with the Internet, to form some working mental image of what it is, how it works, and where the walls are. Since a great deal of its operation is logical rather than physical, this can be a bit of a challenge. Physically, it is a series of equipment rooms scattered across the globe with rack-mounted routers in them and few if any people nearby most of the time. They are connected with an array of "physical" leased telephone lines. That mental picture has little utility.

Picturing what is connected and where it is connected on the map is somewhat more useful. It is not perfectly accurate. All backbone maps are logical and symbolic simplifications of often extremely complex connections. But they can be useful.

FIRST - WHAT WAS THE INTERNET?

Historically, the Internet began with packet switching projects in the late 1960's, most notably the Advanced Research Project Agency's ARPANET. During the 70's this network grew to support many organizations in the US Department of Defense, other government agencies, and it began to support university and research organizations. The Transmission Control Protocol/Internet Protocol (TCP/IP) was developed as a packet protocol that would allow connections across a variety of physical mediums including satellite connections, wireless packet radio, telephone links, etc. It was included in a popular release of the Berkeley Standard UNIX which was freely distributed through the university community. This was a rather loose development of technology and in no clear sense a network of any kind.

In 1985, the National Science Foundation funded several national supercomputer centers including the Cornell Theory Center at Cornell University in Ithaca, New York; The National Center for Supercomputing Applications (NCSA) at the University of Illinois, Urbana, Champaign; The Pittsburgh Supercomputing Center in Pittsburgh; the San Diego Supercomputer Center at the University of California, San Diego; and the Jon von Neumann Center at Princeton University.

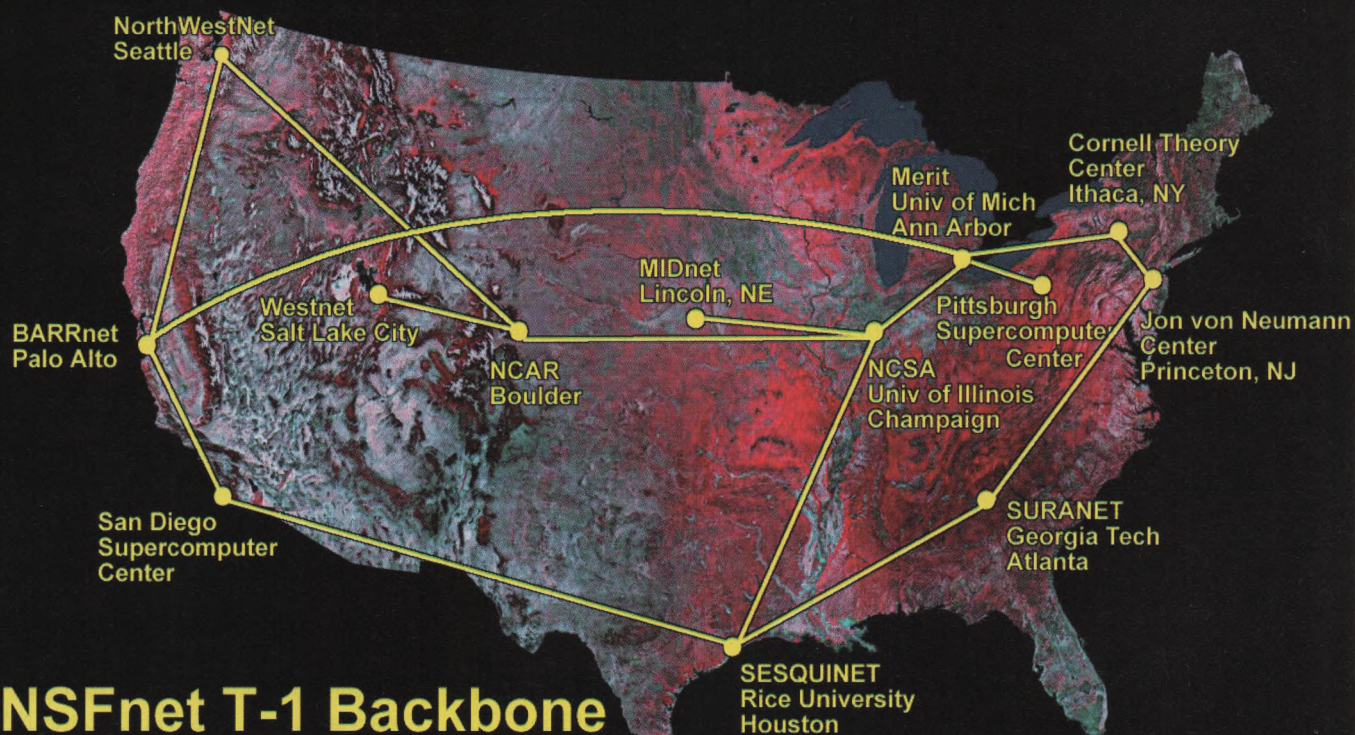
The NSF desired to make these supercomputer centers available to the research community in universities across the country. Many state and regional universities had already developed local and regional networks and some were even TCP/IP based. The National Science Foundation funded a 56 Kbps network linking these five original supercomputer centers, and offered to let any of the regional and university computer centers that could reach this network physically connect to it. This was the "seed" of the Internet network as we know it today and the original reason to connect to it was to access supercomputer facilities remotely.

A number of universities did link to the NSF network to gain access to the supercomputers. But beyond research, they found that the network was useful for other things such as electronic mail, file transfer, and newsgroups. The traffic on the network rose fairly dramatically. In November 1987, the National Science Foundation awarded a contract to Merit Network, Inc. in partnership with IBM, MCI and the State of Michigan, to upgrade and operate the NSFNET backbone using 1.544 Mbps T-1 leased lines connecting six regional networks, the National Center for Atmospheric Research (NCAR) in Boulder, Colorado, the five existing supercomputer centers, and Merit at the Computer Center in the University of Michigan. No one had ever attempted a data networking project of this scale. Barely eight months after the award, the T-1 backbone was completed on July 1, 1988 linking thirteen sites and carried 152 million data packets in its first month. Merit, IBM, and MCI also developed a state-of-the-art Network Operations Center at the Merit site in Ann Arbor, Michigan, and staffed it 24 hours per day. The new NSFNet T-1 backbone started life with a total of 170 local area networks from the supercomputer centers and regional networks served. On July 24, 1988, the old 56 Kbps NSF network was shut off.

THE ORIGINAL THIRTEEN SITES INCLUDE:

- **Merit - University of Michigan Computing Center**
in Ann Arbor Michigan.
- **National Center for Atmospheric Research**
in Boulder, Colorado
- **Cornell Theory Center at Cornell University**
in Ithaca, New York
- **The National Center for Supercomputing Applications (NCSA)**
at the University of Illinois, Urbana, Champaign

National Science Foundation



NSFnet T-1 Backbone July, 1988

- The Pittsburgh Supercomputing Center in Pittsburgh
- San Diego Supercomputer Center at the University of California, San Diego
- Jon von Neumann Center at Princeton University
- BARRnet - Palo Alto, California
- MIDnet - Lincoln, Nebraska
- Westnet - Salt Lake City, Utah
- NorthWestNet - Seattle, Washington
- SESQUINET - Rice University, Houston, Texas
- SURANET - Georgia Tech, Atlanta, Georgia

It is worth noting that the NSFnet backbone was not the first, and indeed its purpose by this time was to LINK and interconnect the growing "regional" networks set up by various university systems.

In January of 1989, the Merit/IBM/MCI team presented a plan to upgrade the network to higher speed using T-3 lines to handle the rapidly increasing network traffic. IBM developed the first router capable of handling T-3 speeds using their RS/6000 workstations running a subset of UNIX. These were eventually capable of routing some 100,000 packets per second.

In September 1990, Merit, IBM and MCI spun off a new independent non-profit organization known as Advanced Network and Services, Inc. (ANS) to operate this NSFNET backbone and tackle the challenges of moving to 45 Mbps backbone speeds. IBM and MCI each contributed \$4 million and ANS acted as subcontractor to Merit. The backbone was expanded to 16 sites and the final T-3 router was installed in November of 1991. The new 45 Mbps T3 backbone now connected some 3,500 networks.

This then was the National Science Foundation Network backbone. It reached such a critical mass of participation/population, that it became itself a thing to connect your private network to. The more smaller networks that connected to it, the more attractive it became. The term "Internet" was first used in 1983 to describe this concept of interconnecting networks. And ten years later, THE Internet was largely defined as having connectivity to the NSFNET national backbone.

There was a great deal of discussion regarding the commercialization and privatization of the NSFNET backbone. The issues centered around whether the government should fund and operate a communications structure that competed with private companies such as MCI, AT&T, Sprint, and others - particularly when a growing amount of NSFNET traffic was becoming largely commercial in nature. To address this issue, a number of private commercial backbone operators joined to establish a separate point for the exchange of Internet traffic. The Commercial Internet Exchange was formed and a router was set up in the Willtel equipment room in Santa Clara California. In theory, the private companies were "connected" through this CIX router. As a practical matter, most traffic still transited the NSFNET backbone. But it was a first step in addressing the issue.

THE NEW INTERNET

In May, 1993, the National Science Foundation issued a solicitation for bids

[NSF 93-52] that would radically alter the architecture of the Internet. They were getting out of the backbone business. In its place, they designated a series of Network Access Points (NAPs), really quite similar to the CIX concept, where private commercial backbone operators could "interconnect" much as they had using the NSFNET backbone. But rather than connecting to different points on an intermediary backbone, they would directly connect at a series of single points. In this way, anyone could develop a national backbone for the connection of LANs, sell connectivity to it, and use the NAP as the physical point where they interconnected and exchanged traffic with all the other service providers. The NAPs would be based on a high-speed switch or LAN technology. No content or usage restrictions would be placed on traffic. The NAPs would serve to connect multiple providers, to allow the set of providers to suffice as a replacement for the current NSFNET service.

In February, 1994, NSF announced that four NAPs would be built. One would be located in San Francisco, under the operation of PacBell. The second was in Chicago, operated by Bellcore and Ameritech. The third would be in New York, operated by SprintLink. Sprint had already been coordinating international connections to the Internet for NSF. The New York NAP is actually located in Pennsauken, New Jersey, across the river from Philadelphia. Metropolitan Fiber Systems received the award for the fourth NAP, MAE-East in Washington DC. Merit was awarded a contract as Routing Arbiter to maintain a database of information regarding the issues of interconnection. On April 30, 1995, the NSFNET backbone was essentially shut down, and the NAP architecture became the Internet.

NAPs ARE A GOOD IDEA

Currently, the heart of the Internet remains the four "official" network access points or NAPs in San Francisco, Chicago, Washington DC, and Pennsauken. They establish the concept that interconnection is good, and that at least these four points, anyone can in theory interconnect with the rest of the Internet. This is a bit of a key concept. Private backbone operators are not inherently inclined to "share" their customers by connecting them with someone

else's customers. But the demand to be connected to THE Internet quite outgrew their own inclinations. If the NSF said that by connecting to what were essentially four "rings in the sand" you were connected to the Internet, then you were.

Unfortunately, the NSF declined to address the concept of "peering." While the NAPs provided a place of interconnection, anyone at a NAP can choose to interconnect with anyone else there, or for that matter, decline to. Today, you can rather easily get a connection to the NAP, but it is quite an "old boys club" as to who will peer with whom. The issue at the heart of "peering" is the concept that in peering with you, a vendor is basically agreeing to allow your traffic to transit their backbone to get across country. Most of the backbone operators therefore will only peer with other operators that likewise have a presence at ALL of the NAPs and they are becoming increasingly selective about who they peer with.

But once the resistance to interconnection is overcome via four official NAPs, the concept of interconnecting becomes increasingly attractive. Why should an e-mail message traveling from one office in Washington DC to another across the street have to transit through Chicago just because one of the correspondents uses SprintLink and the other uses internetMCI? The more interconnections you have across the country, if it is physically convenient to cross connect, the more you can shortcut or shunt traffic and avoid bottlenecks. It also decreases total traffic on your network. This concept is called "hot potato routing" in that as a backbone, you should offload packets destined for a site on another backbone at the nearest connection rather than hauling it across country and then delivering it. The destination site backbone should be responsible for cross country transit.

As it so happens, Metropolitan Fiber Systems, Inc. operates a series of Metropolitan Area Ethernet (MAE) systems in largish metropolitan areas across the country. This is basically a fiber-optic data ring around the city where they can inexpensively connect companies and offices to this citywide network. MFS had been quite successful with this in Washington DC, and their

facilities made a natural point to interconnect private backbones. MAE-EAST, located in Washington DC, was actually doing interconnections on a fairly significant scale before the four official NAPs were really off the ground.

Today, MFS operates MAEs in San Jose (MAE-WEST), Los Angeles (MAE-LA), Dallas (MAE-DALLAS), and Chicago (MAE-CHICAGO). And they actually have two in Washington DC, the existing 10 Mbps Ethernet MAE-EAST, and a higher speed 100 Mbps Ethernet usually termed MAE-EAST+. They currently plan two additional MAEs in unspecified cities during 1996. The two MAE-EAST NAPs and MAE WEST are essentially defacto NAPs, with the other MAEs potentially serving as defacto NAPs. MFS has even gone so far as to redefine the MAE acronym as Metropolitan Area Exchanges rather than Metropolitan Area Ethernets.

Finally, there are two Federal Internet Exchange points: FIX-EAST at the University of Maryland in College Park Maryland, and FIX-WEST at the NASA Ames Research Center at Moffet Field between Sunnyvale and Mountain View California. These FIXs largely exist to interconnect MILNET and NASA Science Net and some other federal government networks. Since this represents a large population of federal workers, we don't really have an Internet with them totally disconnected. So there has been some interconnection through Metropolitan Fiber Systems largely to these FIX locations, and a largish volume of data traffic still goes through the FIX points. The current aim is to decrease this by moving more of the Interconnect to the official NAPs as they become more operational and of course the MAEs. The CIX router is still up in Santa Clara, but is somewhat salutary at this point. CIX also has a router in Herndon, Virginia, but with few actual interconnects there. The CIX and FIX NAPs can be thought of as historical legacy NAPs.

So we currently have approximately eleven major interconnection points - four official NAPs, three historical NAPs (CIX, FIX-EAST, FIX-WEST), and four defacto NAPs (MAE). Any national backbone operator that has a peer connection at one or more of these interconnects has some connectivity to the Internet. Most of the national service providers are con-

:-)

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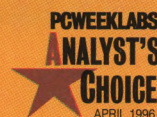
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THE INTERNET



MAJOR U.S. PEER INTERCONNECT POINTS

connected to all four official NAPs and often to most of the MAEs as well. This series of NAPs could be considered the "top" of the Internet or the heart of the Internet. That said, at this point most backbone operators are cross connecting with other backbones at virtually any location of convenience where they both have equipment rooms. There are several hundred of these "private" exchanges in operation at this point, and the concept of NAPs has very much become the heart of Internet topology.

More information on NAPs is available through the World Wide Web site associated with each NAP:

SAN FRANCISCO NETWORK ACCESS POINT - Pacific Bell - <http://www.pacbell.com/Products/NAP/>

CHICAGO NETWORK ACCESS POINT - Ameritech Advanced Data Services and Bellcorp - <http://www.ameritech.com/products/data/nap/>

NEW YORK NETWORK ACCESS POINT - SprintLink Actually in Pennsauken New Jersey near Philadelphia www.sprintlink.net

Metropolitan Area Ethernets (MAE) - <http://ext2.mfsdatanet.com/MAE/>

CIX Commercial Internet Exchange - Santa Clara - <http://www.cix.org>

FIX - Federal Internet Exchange - <http://www.arc.nasa.gov>

WHAT IS A BACKBONE?

A brief side trip might be in order to describe what we mean by a backbone. Basically, the entire Internet is a logical construct made up of packet routers that can be connected in almost any fashion, including wireless, satellite, landline, or conceivably smoke signals. These routers are connected in a matrix with each router typically connected to two or more others. The router examines packets and based on their "address" sends or "routes" them in various directions intended to get them closer to their ultimate destination.

As a practical matter, land lines of either copper or fiber provide the best performance and allow transmission of

the highest data rates. And so most routers are connected using telephone lines from the existing telephone network. These lines can, and often are for small businesses and individuals, simply Plain Old Telephone Service (POTS) analog voice lines with a 28.8 Kbps V.34 modem on each end. For higher speeds, the routers are linked by leased permanent lines often with higher data rates. You can typically lease a Data Service - 0 (DS-0) 56 Kbps line from any telephone company linking any two points within their system. Similarly, you can lease, at somewhat higher cost, a 1.544 Mbps data line from any telephone company - usually referred to as Data Service -1 (DS-1) or T Carrier Level 1 (T-1). And for yet a bit more money, you can lease a 45 Mbps line Data Service 3 line variously referred to as "DS-3" or "T-3".

With regards to fiberoptic lines, Optical Carrier level 3 (OC-3) provides a 155 Mbps capacity while OC-12 provides a 622 Mbps capacity. These are just a few standard, off-the-shelf data line products typically offered by telcos. There are other products such as Frame Relay, etc.

So for any TCP/IP Internet, there is an underlying structure of physical connections - usually provided by an existing local or long distance telephone company. Additionally, there is the "network" consisting of TCP/IP routers connected by this physical network. We usually refer to these as the physical layer and the logical layer of a backbone.

While leased lines are relatively inexpensive locally, they can be somewhat more expensive when they link distant cities. When we refer to a "national Internet backbone provider," we are describing a company that has physically located a high-speed TCP/IP router in a number of cities, and then leased high-speed data lines from long distance exchange carriers to link the routers - thus forming a national "backbone" connecting those cities. By doing so, they can then sell access to many individuals and companies within each backbone city, and the traffic between cities moves over the leased lines of the backbone. The leased lines can actually be purchased from different long distance companies for each city, and in fact some backbone providers will lease several lines from different carriers to connect two cities so that if one carrier happens to have a backbone incident and the link is lost, they still have a connection through the other carrier - maintaining their backbone at a perhaps reduced data rate. This is termed "redundancy."

Currently, backbones are generally formed from 45 Mbps T-3 leased lines. But this is a gross oversimplification of any backbone. In addition to a half dozen or a dozen major metropolitan areas that a backbone operator may link using T-3 lines, they will likely extend dozens or even hundreds of less expensive 1.544 Mbps T-1 lines to surrounding communities from the major backbone cities. And they may further extend from THOSE points with less expensive yet 56 Kbps leased lines. The whole makes up a rather complex network linking often hundreds of cities large and small. Generally, we refer to all the nodes of the network owned by the national service provider as Points-of-Presence or POPs. Business customers then lease their own telephone line from the telco to a POP and so connect to the Internet. For the purposes of this publication, we will show national backbone providers

at the very top high speed T-3 logical backbone level, and then list all known POPs at the bottom level to show the "footprint" of the network. But note that there is often a very complex sub-network extending this logical top level backbone to those POP locations.

And so generally, when shopping for a high-speed connection, you are looking for a provider with a POP near to you, and you might be interested in the nature of the POP - whether this is a T-3 node, a T-1 node, a 56 Kbps node, etc. It would make little sense, for example, to lease a T-1 line to a POP that was connected to the backbone network with a 56 Kbps line, and in practice, no backbone operator would allow you to. But similarly, the costs of running a leased line 300 miles to connect to a T-3 connection when a barely used T-1 POP is down the street is a consideration.

LEVELS OF ACCESS

To form a rational image of the Internet, we can somewhat arbitrarily divide the topic into five categories or levels.

- Level 1 - Interconnect Level - NAPS**
- Level 2 - National Backbone Level**
- Level 3 - Regional Networks**
- Level 4 - Internet Service Providers**
- Level 5 - Consumer and Business Market**

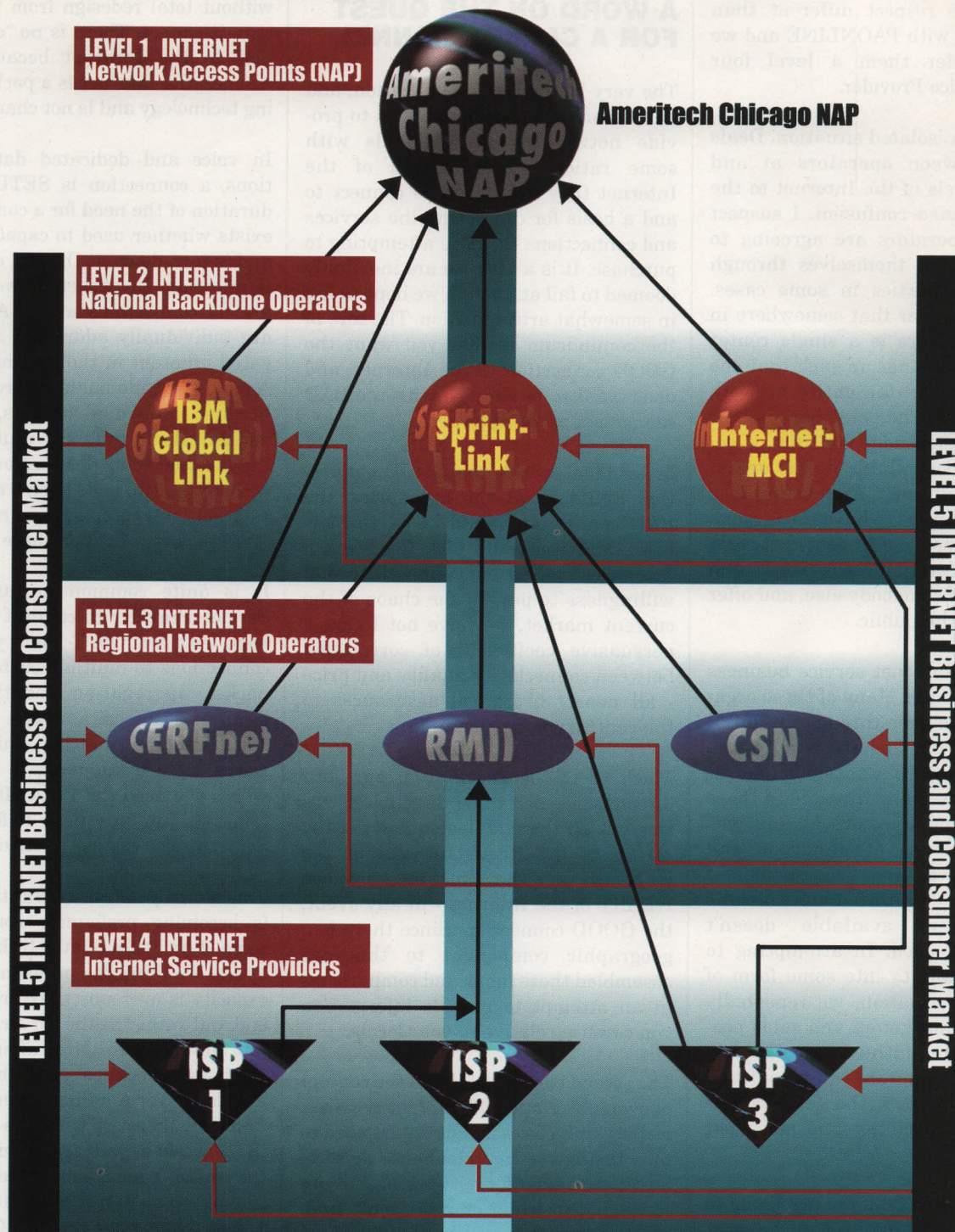
These are not absolute and indeed you will find many entities that operate in two or more of these levels, but they broadly hold true. We have already discussed the tip of the iceberg level, so to speak, with the network access points. This is where major backbone operators interconnect to establish the core concept of an Internet. Level two would be the national backbone operators, sometimes referred to as national service providers.

The third level of the Internet we think of as regional network operators. Most of these are remnants from the original NSF regional entities that connected universities. CERFnet in San Diego, JvnCnet in New Jersey, Colorado Supernet in Colorado are examples of regional networks. Typically, they operate backbones within a state or among several adjoining states much like the national backbone operators. They typically connect to a national backbone operator, or increasingly to SEVERAL

national backbone operators to be on the Internet. Some do in fact have a presence at a NAP, but usually just a single NAP. But then they extend this network to smaller cities and towns in their areas with a combination of 1.544 Mbps T-1 lines, fractional T-1 lines, and 56 Kbps leased lines. They connect businesses to those points with direct access connections and usually maintain dial-up terminal banks to offer 28.8 Kbps dial-up SLIP/PPP connections to consumers. In many cases, regional networks are much more extensive than national backbones, just on a smaller geographic scale.

The fourth level of the Internet would be the individual Internet Service Provider. These vary from small two or three person operations up to actually quite largish operations - we know of several with over 100,000 dial-up customers. But they don't generally operate a backbone or even regional network of their own. They lease connections to a national backbone provider, or a regional network operator. They might indeed offer service nationally, but using the POPs and backbone structure of their larger backbone operator associate. AT&T WorldNet actually operates at this fourth level - leasing their backbone connection from BBN Planet. Earthlink has a similar arrangement with UUNET as does Microsoft. Pacific Bell links to AGIS. And for that matter, so does George Pease with PAONLINE in Harrisburg Pennsylvania. Generally, they operate an equipment room in a single area code, lease connections to a national backbone provider, and offer dial-up connections and leased connections to consumers and businesses in their area. They tend to focus on customer service, configuration, and training and often offer lower prices. Of the 3,640 Internet Service Providers we list, the average number of area codes where they have a point of presence is 4.5.

The fifth level of the Internet is the consumer and business market. Each time a small office leases a line from their office to an Internet Service Provider's point-of-presence, they have in fact extended the Internet by that number of linear feet. With a lot of this happening, we find today that most metropolitan areas of the United



States have more linear feet of "Internet" constructed in this fashion than ever did exist in the original NSFnet backbone. Further, many companies then setup dial-up ports at their offices for employees to make the connection from home or on the road. Within a few days of connecting to the Internet, most companies find out that internally they too have become an "Internet Service Provider."

Again, these levels are somewhat arbitrary, but broadly true. There is some cross dressing. Sprint, for example, operates a NAP at level 1. They are also one of the largest National Backbone Operators and in fact provide the connection for some 29% of level three and level four Internet Service Providers. This past August, they also launched consumer access nationwide much like a level three or level four operator.

AT&T on the other hand, with great fanfare and much public relations ado, announced the AT&T WorldNet service last spring. In fact, they lease all backbone operations from BBN Planet Corp., a national backbone provider. And in turn, BBN Planet operates a mixture of their own backbone, and backbone leased in turn from MCI. As a result, MCI is at least in part providing AT&T WorldNet's backbone. AT&T is in

no detectable respect different than George Peace with PAONLINE and we would consider them a level four Internet Service Provider.

This is not an isolated situation. Deals are cut between operators at and across all levels of the Internet to the point of frenzied confusion. I suspect that some operators are agreeing to buy things from themselves through several third parties in some cases. And there is a fear that somewhere in the Internet there is a single router that all of this hangs on such that one power hiccup and the entire network takes a tumble. The point here is that there is an enormous amount of comingling of body fluids in the operation of an Internet. And there is a never ending quest to have the largest, best, and most munificent network, made up entirely of the work and investment of somebody else, and offer it for sale to the public.

Further, the Internet service business is growing rapidly. Many of these organizations have gone through an initial public stock offering, or are in the process of doing so. Enormous quantities of cash are being invested in these companies, and they are adding personnel in groups of hundreds and thousands at a time. The number of knowledgeable Internet technicians and engineers available doesn't approach the need. In attempting to assemble this data into some form of graspable information, we repeatedly encountered marketers and sales people who were enthusiastically and energetically ignorant and confused about their products, the network services they were selling, and just what an Internet was.

The point here is that you are likely to hear almost anything from an Internet connectivity sales representative. Some of it may be true. Some of it they may honestly believe to be true. In general, the signal to noise level is a little discouraging and you should take most assurances of quality, reliability, and service with a grain of salt.

That said, we did encounter other situations where the salesman at the field level was much more informed and competent than anyone at the management or public relations level.

A WORD ON THE QUEST FOR A CLEAR CHANNEL

The very heart of this publication, and particularly this section of it, is to provide networking professionals with some rational presentation of the Internet they are trying to connect to and a basis for comparing the services and connections they are attempting to purchase. It is a task we are inevitably doomed to fail at, though we hope to fail in somewhat artful fashion. The core of the conundrum is that you want the GOOD connection to the Internet, and don't want to be saddled with the BAD connection to the Internet.

In an ideal world, the GOOD connection would be at the high price, the BAD connection would be at the low price, and you could pick the level of "goodness" based on your ability and willingness to pay. In the chaos of the current market, we have not found a persuasive coefficient of correlation between connectivity quality and price - all nearly hysterical assurances to the contrary notwithstanding.

Much of the feedback from our first directory seemed to be directed at cutting out all the middlemen and getting closest to the REAL Internet or the CENTER of the Internet, or the HEART of the Internet - in any event, the GOOD connection. Since there is a geographic component to this, we assembled these maps and comparisons in an attempt to provide information you can use relative to your locale.

The second element of this is the concept of oversubscription of Internet Services. Networking professionals accustomed to purchasing voice telephone service, leased data lines for networking, etc. are somewhat insistent on assurances from vendors that they will have 100% guaranteed bandwidth as advertised and purchased. "If I buy 1.544 Mbps T-1 pipes, I want the full 1.544 Mbps T-1 pipe available at all times."

This seems reasonable enough. But it is actually related to the quest for the heart of the Internet. There is no center to the network. And the entire concept of clear channel capacity is alien to the packet-based TCP/IP networking philosophy and technical operation. In other words, it just doesn't work that way, and

without total redesign from top to bottom, it cannot. There is no "clear channel" to the Internet because at its essence, the Internet is a packet switching technology and is not channel based.

In voice and dedicated data connections, a connection is SETUP for the duration of the need for a connection. It exists whether used to capacity or not, and is torn down at the end of the communication. In packet networks, there are no connections at all. All packets are individually addressed and aggregated inherent in the routing function. A single text file might be broken into a hundred individual packets, and each packet take a different route through the Internet to its destination. The software at the two ends keep track of what was sent and received, and retransmits "lost" packets of which there are many.

It is quite common for an Internet Service Provider to connect to a backbone with a single T-1 and yet sell T-1 connections to multiple customers. The packet aggregation function works quite as designed, and as a function of statistical multiplexing, this actually works. Data traffic tends to be "bursty" where you need the 1.544 Mbps connection, but you only need it for seconds. Someone else can use it when you're not.

This actually all works. But the Internet is becoming profoundly congested on some days with relatively high packet losses. We think the problem is not that capacity is oversubscribed from the use end, but rather at the server end. If you put up a web site offering Rush Limbaugh neckties over the Internet and take over a million connections the first day, there isn't enough bandwidth in the world at your server end to handle the traffic - even if your server hardware could keep up. If it is connected with a T-1, you might have 300 or 400 users on THAT end of the pipe at one time. Most of the "congestion" you will see on the Internet centers on individual sites that just can't deal with it. IF you access a different, less popular site, the "congestion" disappears. This appears inherent in a connectionless network where we could all, in response to some event or advertisement, all land on the same single server at the same time. This is analagous to a single McDonald's Restuarant that finds itself faced with 30,000 starving customers on the same

noon hour. There are some traffic problems on the roads, but the roads are basically in good shape. And the McDonald's owner is thrilled. But a lot of people have to wait on hamburgers and in fact, the majority won't get their quarter-pounder at all that day. This reminds me of the T-shirt "THE INTERNET IS FULL - GO HOME."

So if you could get an utterly clear T-1 guaranteed channel directly to the Chicago NAP, you still don't have one. The routes to almost everywhere else FROM the NAP are aggregated in the same fashion. Larger vendors are no help. If they do have a T-3 connection in your city, they simply sell more T-1 connections off of it and the same dynamic works on a slightly larger scale. The bottom line is that the Internet works to about the same degree the worst part of it works. And if you could gain a BETTER connection to it, you haven't accomplished a whole lot with regards to day to day performance that your users within your company will be able to detect.

So if you demand a clear channel to the Internet, you are asking for something that isn't available. If someone sells you a clear channel to the Internet, you've bought something they can't deliver. That is not to say that all vendors are created equal. Any particular vendor will manage the load factor slightly differently. But this is a fluid thing. A vendor who manages this very conservatively in March simply attracts more customers in April and the pressure to hook them up and catch up on the load factor later is enormous. Largely, the performance and reliability you will ACTUALLY experience with your connection to the Internet is ultimately a function of the technical expertise of those in the equipment room at your service provider.

NATIONAL INTERNET BACKBONE OPERATORS

Since 1993, a number of serious players have entered the Internet service arena, including MCI, Sprint, IBM, ANS, and others. They basically operate their own national backbones - often larger than that originally operated by the National Science Foundation. As such any TCP/IP connection to a national backbone operator is inherently a connection to the Internet.

Many smaller regional networks get their connection from a national backbone operator. Sprint IP Services, for example, has been quite aggressive in signing up smaller Internet Service Providers for a connection to the Sprint backbone. These smaller ISPs, in turn, offer connections to the public and businesses large and small - often at attractive prices and usually focused on a particular type of Internet user.

Our first issue of the *Boardwatch Directory of Internet Service Providers* was intended to empower consumers with information to select an Internet Service Provider in their area. The availability of Internet connections remains a very regional or even local proposition. But we were somewhat stunned by the amount of response from LAN managers in businesses across the country who were also a bit perplexed by where and how to get the "good" connection to the Internet in their area.

In our Summer 1996 issue, we expanded the directory to include descriptions of the national backbone operators. And we expanded coverage to include the lists of Points of Presence (POP) telephone access numbers, backbone maps, and product descriptions. We diagrammed 9 backbones in the summer issue, 14 in the fall issue and with this issue - 22 backbones.

This can be useful for LAN managers in a couple of ways. First, even at the backbone level, where you are makes a difference. Generally, backbone providers have their BIG backbone, typically operating at T-3 or greater speeds - some just now introducing 155 Mbps service. From each "node" on this backbone, other cities are serviced with smaller T-1 or often multiple T-1 lines operating at 1.544 Mbps. If you are in a specific city that is a MAJOR NODE at T-3 speeds for one service provider, but a minor node with 1.544 Mbps service for another, you would probably be attracted to the larger node - particularly if you yourself were looking for a T-3 or fractional T-3 connection.

Unfortunately, selecting an ISP is not nearly as simple as finding the big nodes and calling for a connection. Installation times, prices, and services all play a role. Over and over we find

much smaller ISPs offering better services at a much better price. But even then, you may need to know who THEY are connected to for THEIR connection. It can make a difference. You may only need an ISDN connection from a small service provider, but if they have multiple T-1 connections to a backbone provider with a T-3 in your city, you may have much better performance than to a national service provider that has a T-1 connection to the entire city. In this issue, we've added several new columns to the listings for each ISP, showing where they get their connection, to what backbone, and at what bandwidth.

For larger companies, it may be a balancing act between several city locations where you have offices to find the National Service Provider with the best average connection to all the cities you are trying to connect.

That said, it is our hope that by providing a map of the major interconnection points, and then maps and POP lists for each of the national backbone operators, along with specifics on where they interconnect, we can provide you a picture of how the Internet is laid out, and how each National Backbone Operator or Internet Service Provider fits into it. In this way, you can locate your own position on the Internet.

SHOPPING TIPS

Provisioning Internet Service often entails a number of operations:

The Installation Charge.

This is a onetime setup fee the provider charges to get you set up with their service. It can vary widely, not only in price, but in what is included. Some operators actually provide all customer premise equipment (CPE) as part of the setup charge. Others provide nothing in the way of CPE, but use the setup charge to equip THEIR end of the connection to accommodate you.

Customer Premise Equipment.

The basic customer premise equipment consists of a Channel Service Unit/Digital Service Unit and a router. The CSU/DSU is the "modem" that connects to the telephone line. The provider will have a similar unit at his end. A variety of brands of CSU/DSU are available, and we've found features

relatively unimportant. They work or they don't. But they do differ by speed. Generally you will use a different CSU/DSU for 56 Kbps connections than for T1 connections.

The CSU/DSU connects to the router, typically using a V.35 cable. The router typically connects to the CSU/DSU on one end, and via Ethernet to your local area network on the other. Generally you are better off selecting a CSU/DSU and router that your provider is familiar with. It is rare to get these installed without some configuration issues. Often the provider will offer a package CSU/DSU and router for a price. In any event, if you want assistance from the service provider in setup and configuration, it would be helpful to provision equipment they recommend or are familiar with.

Port Charge.

The port charge is typically a monthly recurring charge you pay the service provider for the connection to his router, and thus to the Internet. It varies by bandwidth generally.

Local Loop Costs.

In general, providers do NOT include local loop costs in their quoted monthly recurring charge. Typically, you contract with your local telephone company for the necessary line from your office to the provider point of presence. This is not an insignificant additional expense. It will typically be half again as much as the port charge. Since some providers DO include the local loop charges in the port charge, you do need to ascertain whether or not it is included when comparing prices. Broadly, a 10 mile local loop at T1 speeds seems to run in the neighborhood of \$500-\$600 monthly right now. Frame Relay connections tend to be less expensive, but can suffer in efficiency and additional congestion. Often, the ISP will manage the local loop ordering and installation process for you, but it almost always involves a custom quote on the additional cost.

Incidentals.

There are a number of small but important items necessary to complete your connection. Domain Name Registration, for example, typically carries a one-time fee of \$100 to register your company domain name (i.e. Boardwatch.com.) and a \$50 annual renewal fee. The provider typically maintains a

domain name server and forwards e-mail to you. You may want a number of POP e-mail boxes maintained on the server so that you do not have to run your own mail server for example. If you want a USENET news feed, this may or may not incur additional charges. Most providers are now hosting Web pages for customers on provider equipment, usually for a fee and some even offer design services.

Installation Time.

Incredibly, in a world of instant networked communication, it can take 3 to 8 weeks to set up a high speed connection to the Internet. Check to see average installation time from date of signed contract.

Network Operations Center.

Despite all assurances of reliability you may hear, we've never heard of anyone on the Internet who did not encounter periodic service outages. How you reach your provider and what they do in response in the event of outage is a critical element to consider. A 24-hour network operations center manned and capable of getting your link back up with a simple phone call from you is a huge plus. If you get voice mail and pager procedures when your network is down, you'll not likely be a happy Internet camper.

A WORD ABOUT IP ADDRESSES

The identity of your network and every computer on it depends on Internet Protocol addresses of the form 204.144.169.10. Typically, you will need a Class C IP address block for up to 255 machines - 204.144.169.0 through 204.144.169.254 for example. You can use multiple Class Cs for more machines. In theory, these are your addresses, and until 1995 you would typically obtain them directly from the InterNIC and they were yours for life.

The growth of the Net brought on some problems in the speed and design of packet routers. A router receives packets in one port, opens the packet, examines the header for address information, and sends the packet on its way via one of several routes depending on its ultimate destination and the connections the router has. To do this, it maintains a table of "routes."

As the network has grown, the size of this router table has grown correspondingly - and somewhat alarmingly. To alleviate this, the Internet community developed a concept referred to as Classless Inter Domain Routing or CIDR. In its most basic form, CIDR is a shorthand notation for routers that replaces thousands of addresses with a simple reference to another backbone provider that services those addresses. So all packets destined for any of these gazillion addresses can simply be routed to Sprint for example, and they will know how to route from there.

The problem is that as the routing tables have grown, addresses that do NOT fall into a block of some size somewhere, have been eliminated from some routing tables. Sprint was the first to employ this obnoxious tactic beginning in June of 1995. Their version of the Internet simply didn't include some addresses in the 204.xxx.xxx.xxx and 206.xxx.xxx.xxx ranges. So if you were in one of those address ranges, anyone connected to the Sprint backbone couldn't reach you. This has the potential of fracturing the Internet into several networks based on addresses.

In practice, it doesn't quite. It simply strands a few small companies. But it ends the concept of independent Internet addresses. In general, you will have to obtain an IP address from your Internet Service Provider and so exist as part of their CIDR block to be assured of being reachable. The downside to this is that if you change Internet Service Providers later - after they notify you of a 400% price increase, for example, you will have to reconfigure every machine in your network - a tedious, expensive, and error prone process given the current software and operating systems. As a result, Internet Service Providers have a bit of a hold on you as a customer. This makes the initial selection of an Internet Service Provider perhaps more important than it might otherwise be.

A FEW NOTES ON THE NATIONAL BACKBONE PROVIDER SECTION

As noted, the *Boardwatch Directory of Internet Service Providers* was intended to provide a handy reference to

locating an Internet Service Provider in your area. Internet connectivity is an almost totally unique commodity. The more of it you have, the more valuable it becomes. The more of it you sell, the more of it you have. Anyone you sell it to can likewise sell it. And the MORE middlemen you get in the game, the LESS expensive it becomes to the end user.

We received a tremendous response to the first issue of this directory. But much of it showed an intense curiosity to learn the structure of the Internet, and basically to map position on it. Many people were looking to cut out the middle man to cut costs. Some wanted to be closer to the "heart" or center of the Internet believing they would have better performance. No explanation of why these things weren't so would suffice. And most were just so overwhelmed by the misinformation and disinformation not only in the press, but from sales representatives of various services as well, that they welcomed any reliable information - even if they had no instruments to detect it when they were getting it.

In attempting to compile the information provided here, we encountered a number of difficulties. First, everyone we spoke with agreed that we were certifiably nuts trying to diagram the Internet on old fashioned two-dimensional paper and we were assured it could not be done, that we shouldn't try, and if we did anyway, could they have a copy?

In fact, getting information from many of the backbone providers proved to be an arduous task. In many cases, they simply didn't know or more commonly didn't have it in a format that would be readily communicable even to us. So it was in many cases a bit of a treasure hunt within these corporations to come up with the information we requested, and our profound thanks to those within these companies who scrambled under short deadlines to get what must have seemed like terribly detailed information for relatively indecipherable purposes.

Others were really quite a surprise. We just could not get information from some of these organizations. And after weeks of digging around the edges, we learned some astounding things about these companies. Most significantly,

their entire Internet product line is almost entirely imaginary - a figment of an overactive public relations machine coupled with some profoundly wishful thinking.

From another point of view, this is a terribly dynamic and exciting area right now. All national providers we spoke with are expanding the number of points of presence and building or upgrading backbones at an incredible rate. It is worth noting that a publication such as this is inherently a "snapshot in time." In no case could we find one building quite as fast as their public relations group imagined. We have omitted a few providers simply because all of it isn't quite built yet and so information regarding these backbones is a little hard to come by. We will continue to expand the Directory each issue and will certainly include additional operators as they come online.

There is also a certain level of "Secret Internet" at play. Virtually all vendors had some information regarding POPs, backbone development, prices, or other elements that you would think would be very public information - that they considered very proprietary. This would be more persuasive if it was the SAME information across all providers, but it was essentially different with each one - lending a certain element of comedy to some of our conversations. We actually had one vendor tell us they would have to get clearance to release the SALES telephone number for their network. Again, there is a certain paranoia and confusion at work here that is comical to watch, but probably less comical if we were in their shoes.

Finally, we were surprised to learn that a few providers simply don't want you comparing prices, services, and terms. We found this most surprising in its inherent hopeless naivete. If at this stage of the game, anyone is trying to build a business based on the "sucker born every minute" they won't be operating long in any event.

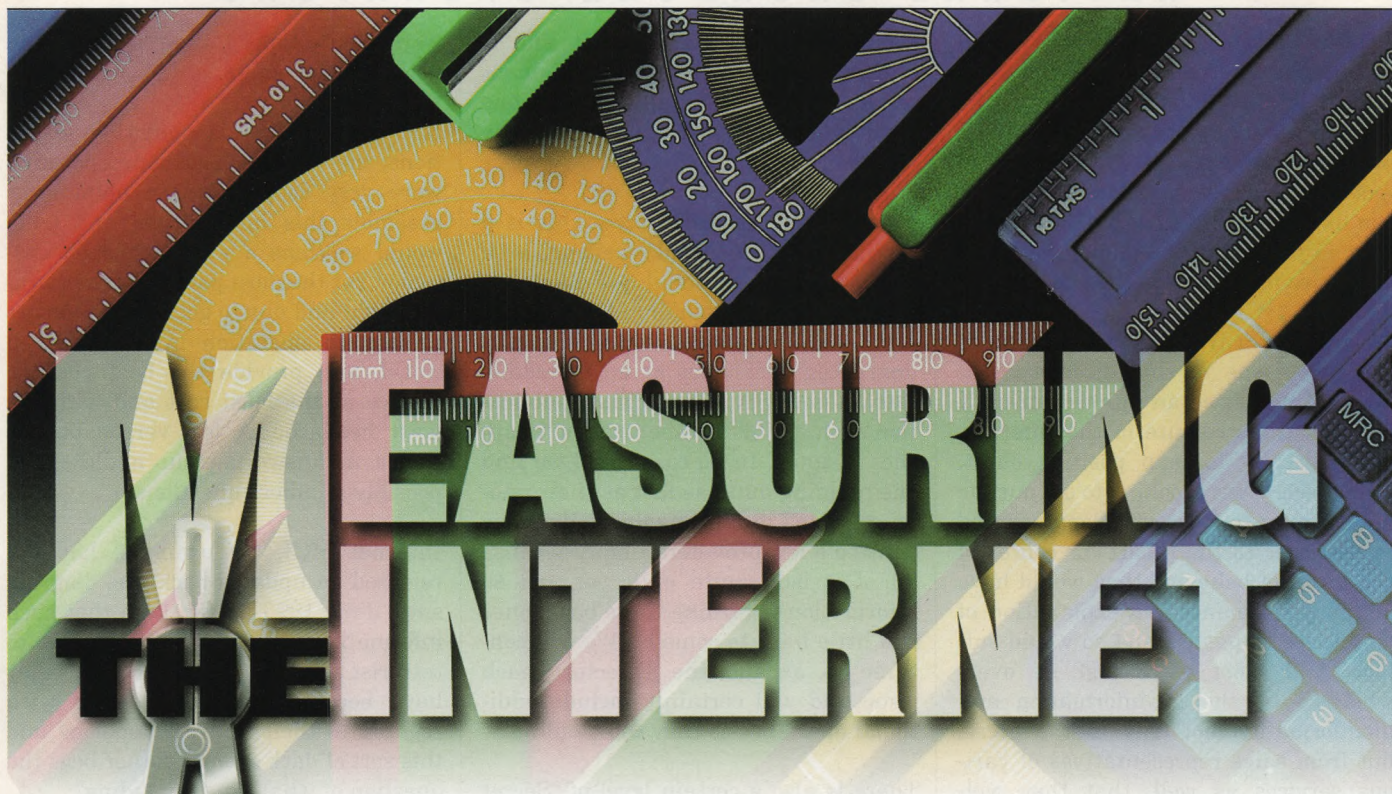
One vendor took the profoundly arrogant position that they didn't WANT to be compared with those "other" networks - they are "unique." Unique in their own mind they may perhaps be, but for good or ill they will be compared - at least among those shopping for net-

work connections - their current and potential customers.

But with a few disappointing exceptions, the national backbone operators were very cooperative in helping us assemble this information, and truly would welcome a more informed customer. For the most part, they are working night and day to get new customers up and in operation in a networked world, and provide the best possible service at the least cost and with the least headache. A few verged on the heroic in answering our endless and possibly mindless questions.

Internet MCI, for example, has not released an updated backbone diagram since June 1996. Their claim that such information leaves them vulnerable to terrorist acts is not persuasive. But they have become terribly secretive with regards to their network topology and this sort of dark secrecy rather begs the question of what are they hiding?

Finally, many of them were correct in that casting a multidimensional Internet onto two dimensional paper stock just may be a fool's quest. And diagramming the very top level backbones of the Internet, listing the POPs and prices and number of employees etc. may be somewhat akin to chipping a handful of paint flakes off the side of a battleship and taking them around to show people what a navy looks like. But we are persuaded by the screech in our phone that there is a need for a portable paper reference to use in comparing services and trying to visualize what it is we are all supposed to be connecting to/with. We will attempt to improve it over time in successive issues of this directory. Any clear suggestions of specific information you would find useful would be most welcome. ♦



by
Jack Rickard

The original National Science Foundation Internet backbone architecture has been replaced by a series of commercial backbones interconnected at the four official network access points (NAPs), and increasingly through private interconnects between these commercial backbones. This has effectively complicated the conceptual structure of the Internet, but at the same time vastly increased its capacity, performance and in many ways, reliability. The four official NAPs are destined to become symbolic, rather than operationally important, if this has not already happened.

Subsequent to our first directory listing Internet service providers, we received hundreds of calls pertaining to direct access connections and connections to backbones. In the Summer 1996 issue, we profiled nine national backbones operating in the United States. In this issue, we profile 31 national backbones — many of which went into operation within the past year. A few went into operation in the past month. This growth in itself is a profound statement of the growth and direction of inter-networking. Note that these 31 do not comprise the entire universe. We have at least two backbones for which we simply could not develop the data in time for this issue, and two or three others that are just more trouble to deal with than we need to countenance as a publisher.

Definitions and distinctions among over 4,000 Internet service providers are somewhat problematical. There are actually a hundred or so

"backbones" in operation in North America. But most are regional in nature. For example, both Rocky Mountain Internet and Colorado SuperNet operate "backbones" within the state of Colorado in every sense of the word, connecting multiple cities with significant investments in leased-line connectivity and large ATM switch deployments. But, for our purposes, they are not "national" in nature, operating within Colorado and a few surrounding states. There are easily a hundred examples of such regional backbones listed as ISPs in this issue of the directory.

We rather loosely define national backbones as maintaining a significant hub city in at least five different states, ideally spanning both coasts, and with peering at the NAPs. Currently, we are looking for backbone speeds of DS-3 (45 Mbps) or faster, though we have taken a loose approach to two backbones operating primarily in Canada.

The reason backbones are interesting is that in some sense they form the heart of the Internet. Essentially ALL the 4,009 Internet service providers listed in this directory have trunk connections to one or more of these backbones. Some 67 percent of ISPs have a direct connection to one of these backbones, and virtually all the rest have a connection to another ISP that has a connection to one of these backbones. We find no significant activity at any "fourth" level of connectivity. The Internet hierarchy is much "flatter" than commonly believed.

A 1.544 Mbps connection to a national backbone averages about **\$2,015** per month, while the same connection to a non-backbone ISP averages some **\$1,350** monthly — essentially defining why all businesses don't connect directly to a national backbone — price.

The profiles are intended to allow prospective customers to compare prices and products and network architectures among the backbone operators. But, from the beginning there was an obvious problem with comparing backbones. What do you use as a basis for comparing backbones with regards to quality versus price?

We have studied this issue for nearly two years. The Internet desperately needs some quantitative measurement of performance and reliability. But such measurements are themselves problematic for a number of reasons.

First, the Internet is a packet network. It operates by breaking data into, nominally, 1,500 byte packets and sending them forth with little in the way of supervision. The route the packets take between origin and destination is a bit mystical. In theory, different packets from the same origin can take different paths to a destination. In practice, this doesn't precisely happen except under unusual circumstances. But it is actually not only common, but the norm, for packets returning in the reverse direction to take a completely different route.

Most of us picture the path of the Internet as between two networks with several route junctions, or "hops," in each network and the interface between two backbones somewhere in the middle. The TRACEROUTE program makes this obvious. But while obvious, it actually isn't precisely "true."

When we examine the concept of a "session" between an end-user and a web site (the vast bulk of Internet traffic at this point), packet flows across networks today adhere to a concept termed "hot-potato routing." In this scenario, packets are passed to the destination network at the earliest opportunity — based on destination address. Let's take the example of a dial-up user in San Francisco accessing the Sprint network there, and connecting to a web site geographically located in Washington, DC on UUNET's network.

When the dial-up user selects the URL for the web site in Washington, the packets go onto Sprint's network in San

Francisco. But they are immediately routed to UUNET's network in San Francisco **based on the destination address**. They then transit the continent via UUNET's network to the web site hosted by UUNET in Washington, DC. The web site spews forth its inevitable home page of glowing graphics and profound, yeah verily inspired, text directed toward the user in San Francisco. The packets of data are immediately routed to Sprint's network in Washington, DC, **based on the destination address**, and transit the continent on Sprint's network to the user in San Francisco.

In this respect, it is somewhat more useful to consider the two networks connected at the ENDS in San Francisco and Washington rather than at some equidistant point in the middle — even in a network topology sense. So when measuring the "performance" or speed of end-user experience, two networks are very much involved, and almost in total in this case.

The second element is that because of this packet nature, the Internet is inherently anomalous. EVERYTHING about it, including the delivery of any packet, is almost inherently an exception — a unique event. Packets get lost. Network hardware fails briefly. So any measurement of performance at any instant is inherently anomalous as well — essentially meaningless. The SAME measurement done the next day can be different. In fact the same measurement made the next INSTANT can be different.

While the popular conception of the Internet is that it is everywhere and ubiquitous, geography actually plays an enormous role in how the Internet looks to any particular user. If you are in Dallas/Fort Worth, generally the Internet is a pretty slow place. Atlanta looks much better. It is terribly variable depending on your geographic point of view, and so measurements taken from any one point are essentially meaningless.

Technically, measurement can be difficult because architecturally these networks differ widely in the equipment used, the type of connection linking cities, and even the network protocols used. Asynchronous Transfer Mode (ATM) switching is very popular for intercity connections but the networks locally almost all use the routed Internet Protocol — creating a kind of hybrid. How this is implemented varies greatly from network to network. Cisco has a fascinating new measurement

tool centered around "net flows," but it requires voluntary participation of the networks, Cisco routers, and more importantly, RECENT Cisco routers and software to be useful.

So it would seem measurement is nearly impossible. But at the same time, our own experience, and indeed the experience of anyone on the Internet, would readily indicate that all Internet access truly is not equal. Despite the "interconnectedness" of the Internet, we can all readily tell that some Internet access is simply better, faster, and more reliable than others. So some measurement metric would not only be very useful, but is very much in order.

For Internet purchasers, the problem is frustrating. Sales personnel from every backbone operator without exception make claims of having a "better" network based on the number of hops, the "mesh" of their networks, the capacity of their lines, etc., etc., ad nauseum. These claims emit as a jumble of indecipherable gibberish, and not entirely by accident in some cases. And some networks have a "reputation" or common view as being "good" or "bad" that have emerged as part of the common myth/lore of the network, with little in the way of data to support the commonly held view.

After two years of looking at this problem, we have been able to define what a solution might look like:

It would **simulate end-user experience**. It's the results that count, not the process. What would the end-user of any particular network experience at the desktop? Hops don't count. Congestion doesn't count. Leased-line speed doesn't count. ATM vs. IP doesn't count. How long does it take to download a web page? That counts. The rest is all process and detritus.

It would be **geographically diverse**. Sampling must be made from various geographic locations roughly representing the user population.

It would be **network diverse**. The Internet is interconnected. What does any particular network look like not only internally, but from other networks? A certain percentage of the user population occupies networks such as internetMCI, Sprint IP Services, UUNET, and AGIS. That should be accounted for.

It would be **time diverse**. Measurements must be continuous and across

calendar-level time to eliminate anomalous events. Instantaneous results are only mildly interesting. What is the performance overall over time? Massive averaging is necessary to develop useful metrics.

The main expense in performing such measurement involves securing "points of view" from different networks and different geographic locations.

Fortunately, we happened into one of those fortuitous encounters that make coming into work at **Boardwatch** so much fun. A company titled Keynote Systems (<http://www.keynote.com>) stumbled in trying to market a service to web site administrators to monitor performance of their web sites. The system currently has machines located in some 30 cities on differing networks that periodically download text from web sites and measure the download times. The cities and networks where these "agents" are located is designed to roughly represent the user "footprint" across metropolitan areas and networks. The company is in the process of expanding this series of agents to 96 U.S. cities and globally.

The agents all report, over the network, to a central database server which collects the data. A client program, written in Java, allows customers to usefully look at graphs and summaries of the data. The results can be fascinating.

By redirecting their measurements at the home web sites of national backbone providers themselves, we were able to measure the responsiveness of the various networks. By doing so over time, we have amassed a collection of measurements for this issue representing some **1,747,323** test downloads or data points. The downloads test 10 KB blocks of data that are then multiplied by five to represent a typical 50 KB home page download. We have reduced these 1.7 million data points to the following 20 pages of graphical data illustrating what we believe is a relatively true picture of network performance. It is the first such attempt at Internet performance measurement ever published.

The graphics presented in this issue show network performance for 29 of our 31 networks over the period roughly corresponding to 20 April 1997 through 25 May 1997. NetAccess and Priori made this issue of the *Directory*, but were entered into testing too late to provide meaningful measurements.

MEASUREMENTS & data

START	STOP	AVG	STDEV	SAMPLES
05/18/97 09:00 a.m.	05/18/97 01:00 p.m.	3.0	2.694	336
05/18/97 01:00 p.m.	05/18/97 05:00 p.m.	3.049	1.902	353
05/18/97 05:00 p.m.	05/18/97 09:00 p.m.	7.199	45.106	346
05/18/97 09:00 p.m.	05/19/97 01:00 a.m.	2.779	2.117	341
05/19/97 01:00 a.m.	05/19/97 05:00 a.m.	4.015	19.210	319
05/19/97 05:00 a.m.	05/19/97 09:00 a.m.	4.054	8.865	339

The cities and networks where the sampling agents were located is provided below:

ATL	Atlanta, GA	MCI
BOS	Boston, MA	UUNET
CHI	Chicago, IL	GoodNet, MCI
CLE	Cleveland, OH	Sprint
CMH	Columbus, OH	MCI, Sprint
DFW	Dallas, TX	CRL
DEN	Denver, CO	BBN, Sprint
DTT	Detroit, MI	MCI
HOU	Houston, TX	AGIS
MKC	Kansas City, MO	MCI
LAX	Los Angeles, CA	UUNET, Sprint
MIA	Miami, FL	BBN
MKE	Milwaukee, WI	BBN
MSP	Minneapolis, MN	MCI
ORF	Norfolk, VA	Sprint
NYC	New York, NY	UUNET, Sprint
NYC	New York, NY	MCI
OMA	Omaha, NE	Sprint
PHL	Philadelphia, PA	AGIS, CRL
PHX	Phoenix, AZ	MCI
PIT	Pittsburgh, PA	MCI
PDX	Portland, OR	ELI
SLC	Salt Lake City, UT	ELI
SAN	San Diego, CA	AGIS
SFO	San Francisco, CA	MCI, Sprint
SEA	Seattle, WA	UUNET, MCI
WAS	Washington, DC	AGIS

	MCI	11
The resulting data samples can vary. Some cities have more than one agent posted to more than one network.	Sprint	8
	UUNET	4
	AGIS	4
Network agents are distributed as follows:	BBN	3
	ELI	2
	CRL	2
	GoodNet	1

For each network, download measurements of 10 KB were made every 15 minutes from 27 cities, 24 hours daily. Web sites featuring less than 10 KB of text on the home page were scaled. These results are then scaled by a factor of five to represent a 50 KB download - roughly a typical home page on the World Wide Web. The data for any period was averaged to develop an average download time in seconds, and a standard deviation, for each period. This data looks textually something like that shown in the Measurements & Data box on page 22.

The cities and networks used to host agents are also shown in the box along with the city abbreviations used in the graphs. We can see that sampling is a little more complicated than described, and that in fact some 35 agents were used across 27 cities, in an attempt to roughly simulate the distribution of customers on networks.

TWO VIEWS

Results of the measurements are presented in two views - geographically across cities and by calendar across time. The results between the two views vary slightly for a couple of reasons. First, we did not perform them from precisely the same start and stop times. Second, the calendar results include all available cities. For the cities view, we selected 27 with the most consistent sampling results. In a few instances, sampling failed from one city or another and a couple of the city views include 26 cities. So the number of samples vary between the geographic view and the calendar view. Furthermore, they vary slightly between views of specific networks. But the results still hold true within fractions of a percentage in almost all cases.

In the city view, cities are listed in the same order for each network. The graphing uses the abbreviations for cities shown above. Scaling can be quite different from one graph to the other as results varied to a surprisingly degree. The average download time for a 50 KB block is graphed for each city and averages all measurements made from that city over the nominally 30-day period listed.

The average download time across all 1.7 million samples was **9.871 seconds**. We set arbitrary values of **10 seconds** (roughly average) and **five seconds** (0.5 average). All results within 50 percent of average were awarded a **GREEN** color indicating good performance. All results falling between the five and ten second arbitrary values were colored **YELLOW**. All results exceeding the industry average were colored **RED**.

For the calendar view, we plotted bars for each time period summing all measurements made from all cities. Each bar represents a time period between two and four hours. As a result, the bars look more like vertical lines - there are a lot of them across a month. We attempted to scale this on a common 40-second scale, but note that many data points exceeded the scale - we allowed them to run off in an attempt to provide a comparable visual "profile" across the month.

FLAWS

The major flaws in this, as we see it, revolve around a couple of issues. The data is erratic in a minor way. Coordinating data from 35 agents is non-trivial. Some happens. Some is missed. Agents go down. The number of data points among networks varies. It doesn't vary a lot, but they don't all feature an identical number of data points. We also failed to get exact calendar matches. Some run from April 20 to May 20. Some run from April 22 to May 22. Some run from April 20 to May 22. In the massiveness of the averaging, we think this data holds roughly true, but we have listed the average times from two essentially disparate calendar grasps between the two graphs. The results are close, but not identical. In a couple of instances, we were only able to derive data for a couple of weeks. Over time we hope to improve on this.

Inherent in what we are doing is the assumption that each backbone operates its own home page on the best servers and the best part of its own network. In practice, there is probably a bit of the butcher/grocer syndrome at play here - a few wind up with web servers operating out of the back of the CEO's car by radio because that was what was left over. But our position is if the networks can't host their own web sites professionally and at optimum, I don't want them hosting mine, and they can wear the results as they are reported. If any network operators want to change the destination site of the web sites we sample, we're very amenable to that as long as they are physically hosted somewhere on their networks.

Finally, there is a mystical problem in positioning agents that accurately represent the user "footprint" across cities and networks. We would characterize this as a best effort, publish the actuals openly, as we've done here, and let the Internet body politic be the judge. In looking at the results, we find little advantage to having an agent hosted on a specific network. It doesn't appear to be a significant advantage.

THE RESULTS

We found the results of these measurements utterly fascinating, accounting for the large page count devoted this issue to presenting them. While they are precisely what they are - no more nor less, we cannot resist some theoretical interpretation and analysis.

Whether viewed from a geographic perspective, or from a calendar perspective, the main results involve average download times and standard deviation. Standard deviation is a sufficiently abstract concept that we would omit it, but it is actually probably the more important of the two results. So it bears some discussion.

We know that Internet performance is quite variable. You can click on a page on a web site, and download it reasonably quickly. If you read the page for three or four minutes, and click on a successive link on the SAME web site, the next page can take forever to arrive. Yet a subsequent page a minute later can again be quick. This variable performance is the deviation you experience from one page to the next. On an ideal network, performance would be identical from one page to the next. In the real world, it is the result of instantaneous variations in traffic load on the network.

Measurements were taken somewhat uniformly around the clock for a 30-day period. But the Internet is not used uniformly around the clock. At 2:00 a.m., the Internet actually works pretty well. At 2:00 in the afternoon, observably less so. Again, a LOT of people are using the Internet at 2:00 p.m. Relatively few are using it at 2:00 in the morning. In an ideal network, performance would be the same when fully loaded by users in the afternoon as it was in the early morning hours with no load at all. The standard deviation figures represent the change or variance from the unloaded ideal when under load.

Similarly, performance varies dramatically from city to city. We can see immediately from these charts that a user in Dallas/Fort Worth or Phoenix just does not ever see as good an Internet as those in Atlanta and Chicago. In an ideal network, performance would be consistent across the network. Standard deviation also represents the change in results or variance between cities.

As a result, the standard deviation becomes perhaps more important than the average download times. We think of average download times as a mea-

sure of relative performance. We think of standard deviation as the variable performance of the network under different loads — essentially its capacity to absorb use without deterioration of performance. Think of standard deviation as ELASTICITY.

And this concept has caused us no end of thought. A network can operate well on average, but deteriorate rapidly under load. Let's extend it beyond standard deviation for a moment and look at some networks. We found a couple of surprises in the results. For example, the best performing network on the Internet would appear, surprisingly, to be CompuServe. And it's not even close actually. Their average download time across cities is **1.543 seconds** with a standard deviation of **13.735 seconds**. Across the calendar, it is **1.498 seconds**. This is exceptional.

But we know a couple of things about CompuServe despite their reticence at providing information, and the difficulties they've had in the Internet market. Most of CompuServe's existing dial-up business works over an aging X.25 network. They also have a very good business providing some unexciting networking for ATM machines, the VISA credit card system, and other electronic banking and retail reporting business — all on their X.25 network.

We also happen to know they had ordered some 30 largish Cascade 9000 series ATM switches and were "building" an ATM network for Internet purposes. The first time we asked them for a price on a T-1, they sent us a 160 page document designed, it seemed, specifically to keep us from finding out. It was utter gibberish. They have stumbled about trying to NOT cannibalize their existing business, while attempting to market this new Internet stuff — to little apparent effect.

From their financial operating results as a public company, we can see that it has done little good. The conclusion we would guess, they have probably built a perfectly capable Internet backbone, quite well connected with the other backbones, and compared to other networks, there is relatively NOBODY USING IT. Their entire network is essentially EXCESS CAPACITY on the Internet.

Let's compare this with **internetMCI** for example. They own some 40 percent of all connections to all Internet service providers in the country. They have sold massively to industry and corporate America. In the past, they were leaders

in network design and described their networks in detail. Indeed they have the contract for the next generation Internet — vBNS. And their dominance in market share seems to be expanding — not diminishing.

About a year ago, they SHUT OFF ALL INFORMATION about their backbones. They will not provide their previous BIPP backbone maps or reveal any details about their network at all. They allude to investment in infrastructure in round millions of dollars and talk vaguely about OC-12 connections and "OC-48 IN 98" T-shirts. By city, their average download time is **9.851 seconds** with a deviation of **61.833 seconds**.

This is a dramatic difference between two networks. There are two possibilities of course. First, internetMCI may not be quite as advanced in networking technology as they quite allude. This would rather completely explain the sudden and uncharacteristic "secrecy" regarding network details in the past year. The OC-12 connection is, of course, interesting. But how do they feed routed IP data into that ATM hub at sufficient speed to take advantage of OC-12 speeds? There are some inherent technical bottlenecks that have never been adequately explained, have appeared at about the time they quit trying to explain, and do appear to coincide with some very red bars on these graphs.

The other possibility, of course, is that they simply have too many customers for the network provided. The standard deviation of over 60 seconds is alarming. This would imply that Internet backbones are not infinitely scaleable; that certain design/technology ceilings are reached that cannot support an unlimited number of users.

That leads us to the concept of a ratio — a ratio of appropriate network design to a given customer base. And that performance, and consistency of performance, are more of a function of a proper ratio of customers-to-network hardware than it is to the massiveness of the network itself.

The analogy again goes almost inevitably to highways. Given the choice between a six-lane Internet highway and a gravel country road, almost all of us would choose the six-lane highway. But given the choice between I-25 in Denver at 5:00 p.m., and ANY gravel country road with no traffic on it, we would choose the gravel road, if we wanted to get anywhere. The six-lane highway would offer endless opportuni-

ties for us to admire it up close as we sat baking in the afternoon sun. But travel would be much faster on the gravel road.

Ultimately, this leads to some surprising conclusions about the future of the Internet. One road leads to an amalgamation of Internet users on fewer and larger highways. The other leads to a series of smaller, but less populated backbones offering better performance. We think these graphs provide the first hard information ever published that has the potential to pointing savvy shoppers to overbuilt, excess capacity bargains in Internet access, and away from rush hour traffic jams.

Clearly CompuServe, AGIS, SAVVIS, and AT&T WorldNet's new backbone make this list of bargains. Despite our June cover in *Boardwatch* of John Sidgemore rolling barrels of ammonium nitrate up to MAE East, and our view of their arrogant peering activities as anathema, we can see from these charts that UUNET, who DOES have a significant customer base, also has apparently built a superb network very much appropriate to that customer base.

IBM Global Network, meanwhile, with over 30,000 business customer accounts — well, the graphs tell the story. This corresponds amazingly well to current rumors of IBM Global Network customers leaving the service in thundering herds.

AT&T, which had previously relied on BBN Planet for backbone services, unveils their entirely new, and previously secret national backbone in this issue. It uses the latest equipment, and at this point has virtually no customer base. Their performance rather proves our perspective on this.

In an interesting aside, we were accosted at NANOG -9, in San Francisco, by a young man from SAVVIS Communications who insisted they had a better network model. They had eschewed the NAPs entirely and built five "private" NAPs. At each, they contracted with UUNET, SPRINT, and internetMCI to provide connectivity at DS-3 rates as their "customer" rather than as a peer. Customers, the ones with checkbooks, get to call the tune generally. He insisted this resulted in a better network with dramatically faster access times.

I dismissed this initially as yet another "we have a better network" claim — unprovable and indistinct from market-

ing hyperbole. On reflection, the concept turns the Internet upside-down with end-users calling the shots and massive national networks at the bottom of the hierarchy instead of the top — an interesting thought if you follow it out to its end point — which most can't and which makes my head hurt trying. But today, I have a graph of SAVVIS Communications before me — as do you. Perhaps the young blonde wizard was not so wacky after all.

The point is, without measurement, good ideas die in a vacuum. There is no way to prove them. They could be profound. Or they could be madness. There's no way to prove the point. With measurement, a 22-year-old kid from St. Louis could change the Internet forever. Measurement is technically difficult, methodologies endlessly debatable, and results politically impossible for most of those capable of making them to report. Merit actually published a NAP transit time graph for a 30 day period and for 10 backbones. Each was listed as "name withheld by request". This is absurd. There is no point in making measurements and reporting measurements if you can't specify which network you are measuring. But it is precisely the type of political absurdity extant on the Internet.

We think we are nearly unique in our position to report them, and politically we are in a position to take the heat as no one else apparently can. Working with Keynote Systems, we find their collection methodologies sufficiently rigorous and defensible to publish. The graphs, conclusions, and interpretations are ours, and Keynote has taken a very professional stance in this project in providing data, providing only data, and providing unbiased data for our use and conjecture. The conclusions and comparative analysis, for good or ill, fall on our shoulders. We think they have provided a profound service to the Internet as a whole — both laudable and admirable in all respects — essentially a new standard in wide area network performance measurement — the KEYNOTE INDEX.

At a crucial time in their development, when revenue streams are of utmost importance, they have contributed this information toward the "good of the network" without any request for commercial advantage — an almost colloquial stance in the current environment of cynicism and greed. If you operate a significant commercial web site and do not find a need for such measurements on your own site, then you're

a rank amateur hoping for good things from the Internet Gods. The very best of luck to you. The network professionals have been looking for this kind of tool for a long time and with meager issue.

The conclusion we arrive at is that by massively averaging views of specific points on the Internet, from a sufficiently diverse footprint, we really CAN measure relative Internet performance and elasticity with fascinating accuracy. It just takes a LOT of data to do so on what amounts to a LOT of network. And the growth in the number of backbones make perfect sense. To adequately scale the Internet for future demand, we need more backbones with appropriate ratios between customer bases and network architecture — not fewer ever larger backbones with larger customer bases and theories of how they can migrate to OC-2048. ♦

About Keynote Systems

Keynote Systems, based in San Mateo, CA, is a leader in the development of web site response measurement and diagnostic tools.

Keynote provides web site management with a service called Keynote Perspective™ - which measures the download response time of any number of URLs as experienced from over 35 cities in the USA and internationally. The data is viewed using desktop software downloaded from Keynote's site. Keynote customers can also measure the response

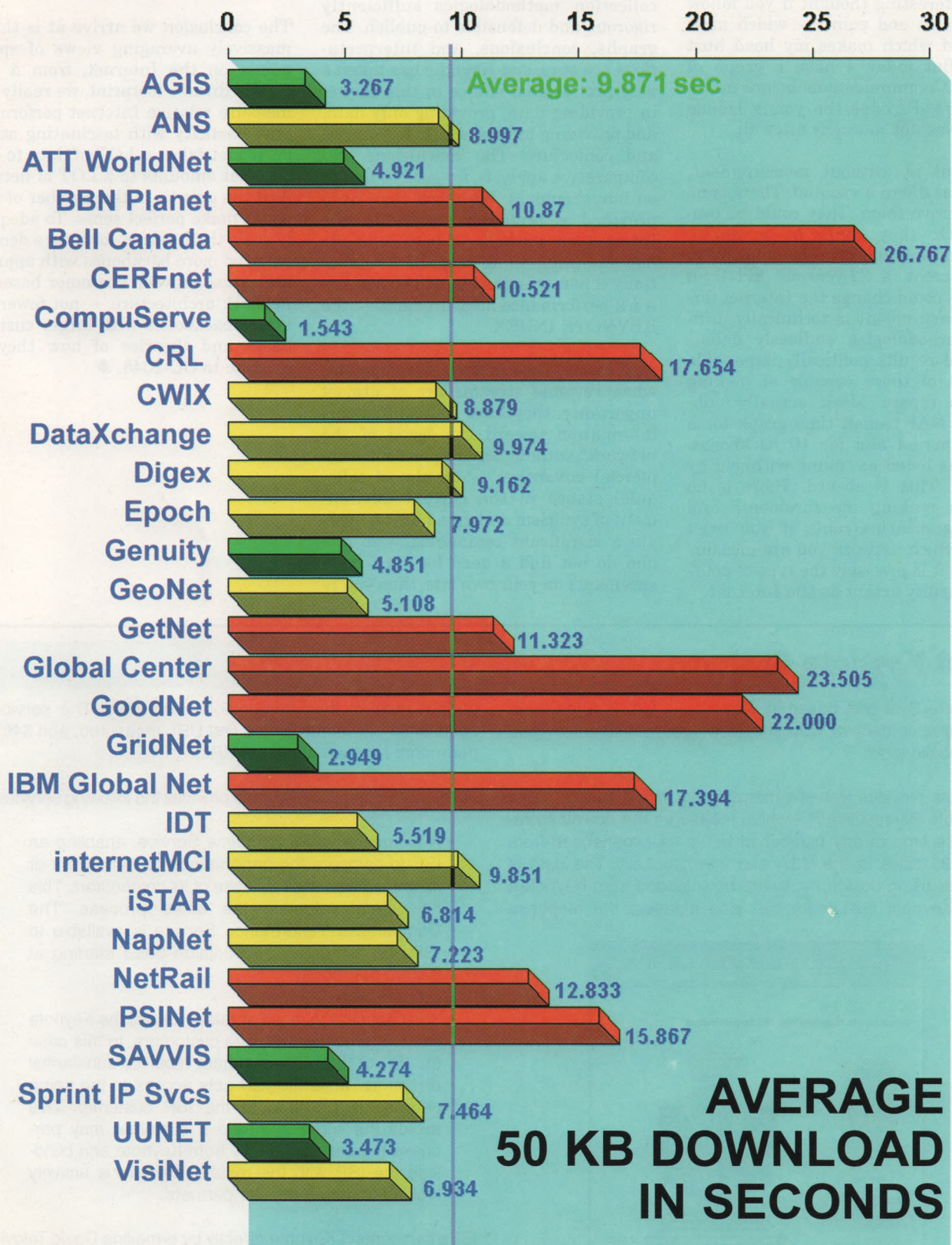
performance of their competitors' web sites. The service costs **\$795** per month for the first URL measured, and **\$495** per month for each additional URL.

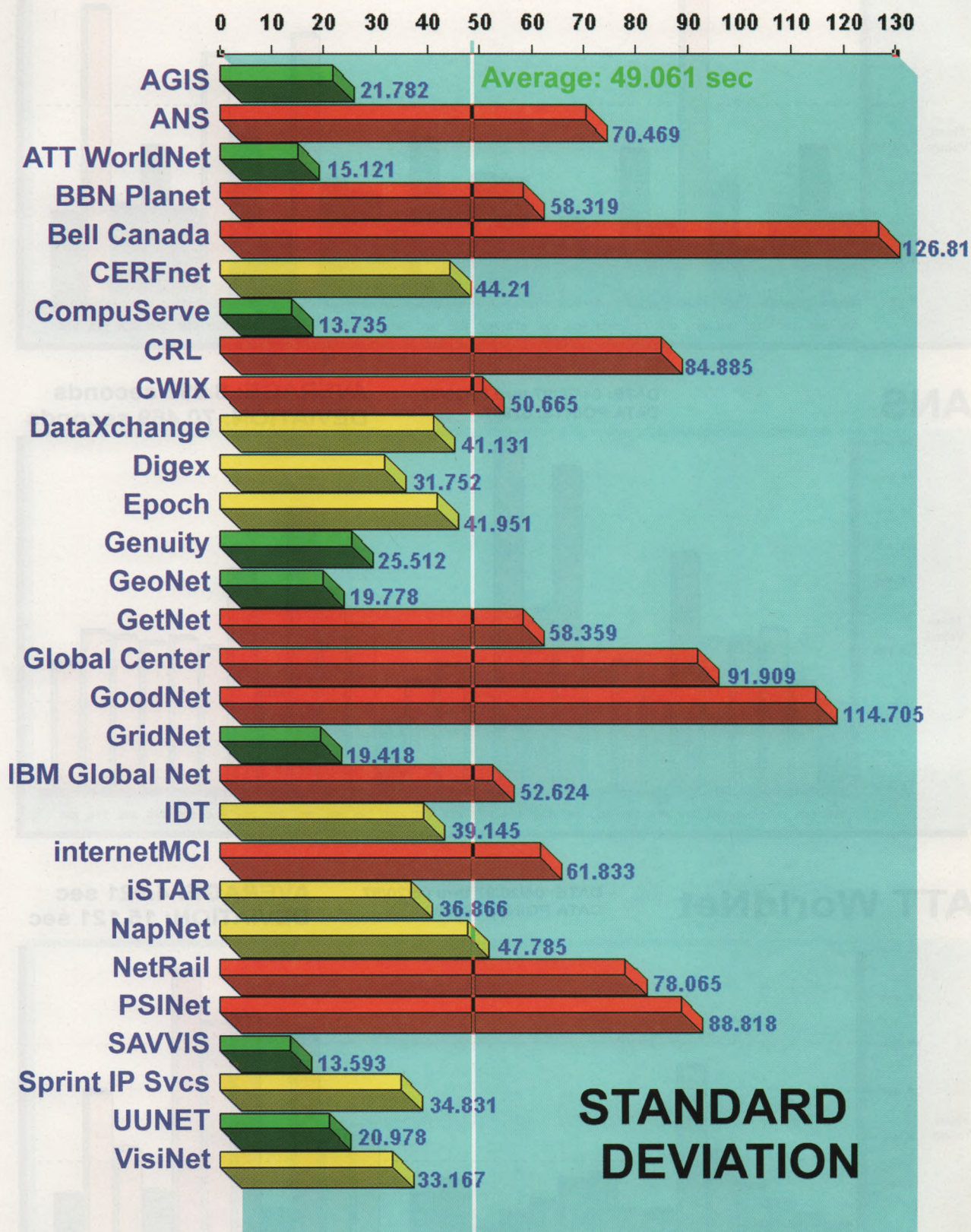
For the ISP community, Keynote provides the following services:

- A Comparative Performance Service, enabling an ISP to compare the performance of its network or its hosted web sites to those of its competitors. This has clear value in the sales process. The Comparative Performance Service is available to ISPs on a monthly subscription basis starting at **\$2,500** per month.
- The capability to resell or reference sell the Keynote service to hosted web site customers. In this case the ISP or the ISP's customer receives substantial discounts, while the ISP gets access to the same data as is provided to the ISP customer. This avoids the situation where a customer may purchase the service directly from Keynote and blind-side the ISP with the results. Keynote is actively looking to recruit reseller partners.

ISPs can contact Keynote directly by e-mailing David Talovic on dtalovic@keynote.com or calling him on **(415) 524 3022**. The Keynote general contacts are sales@keynote.com and **(415) 524 3000**.



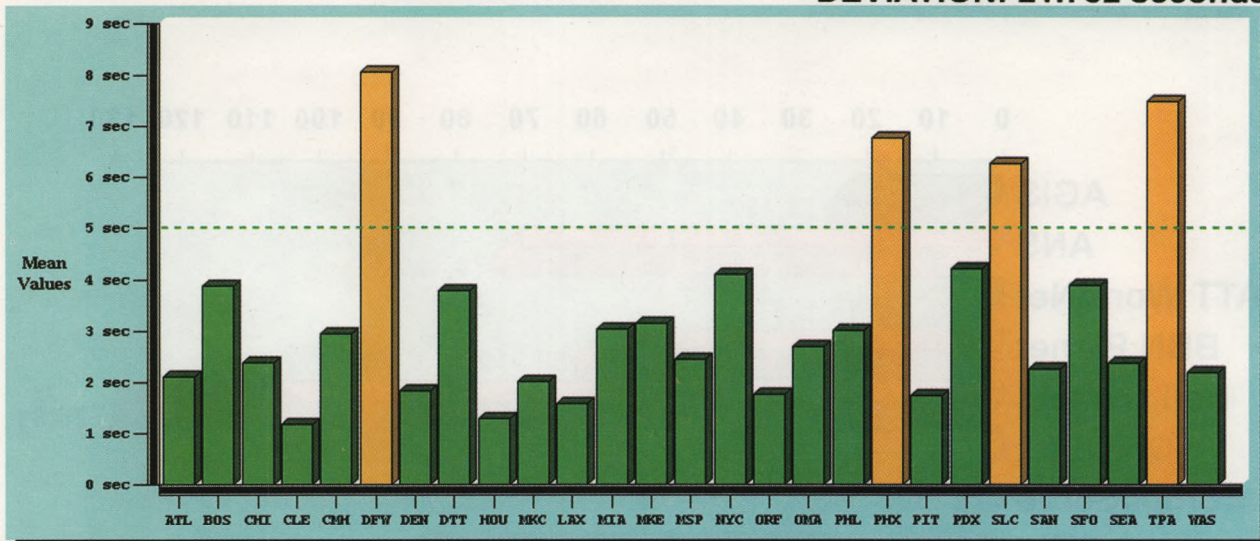




AGIS

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59280

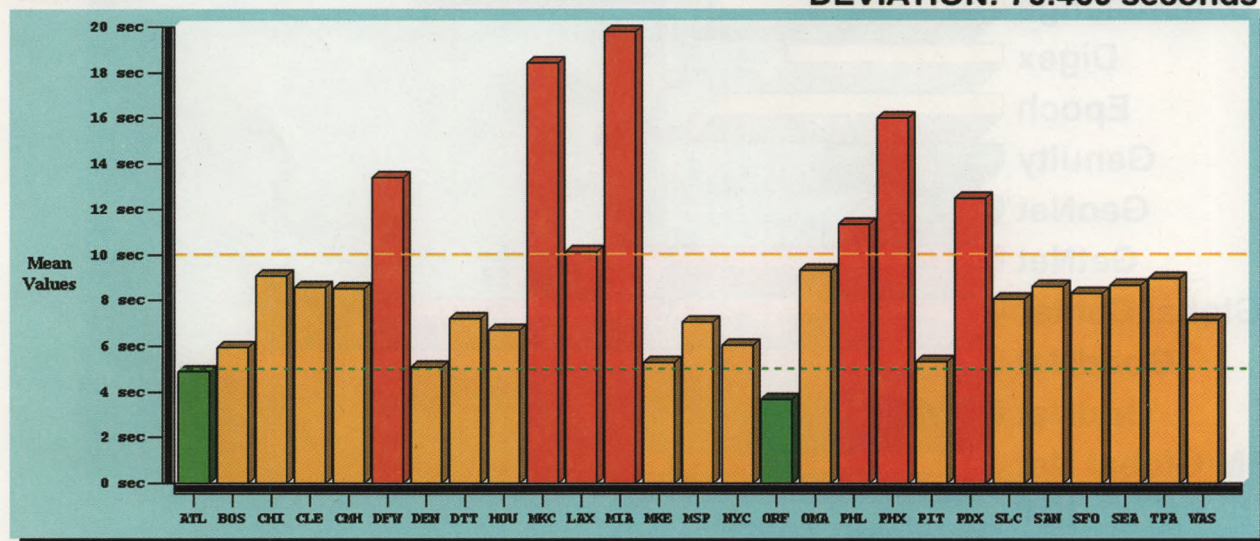
AVERAGE: 3.267 seconds
DEVIATION: 21.782 seconds



ANS

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 57967

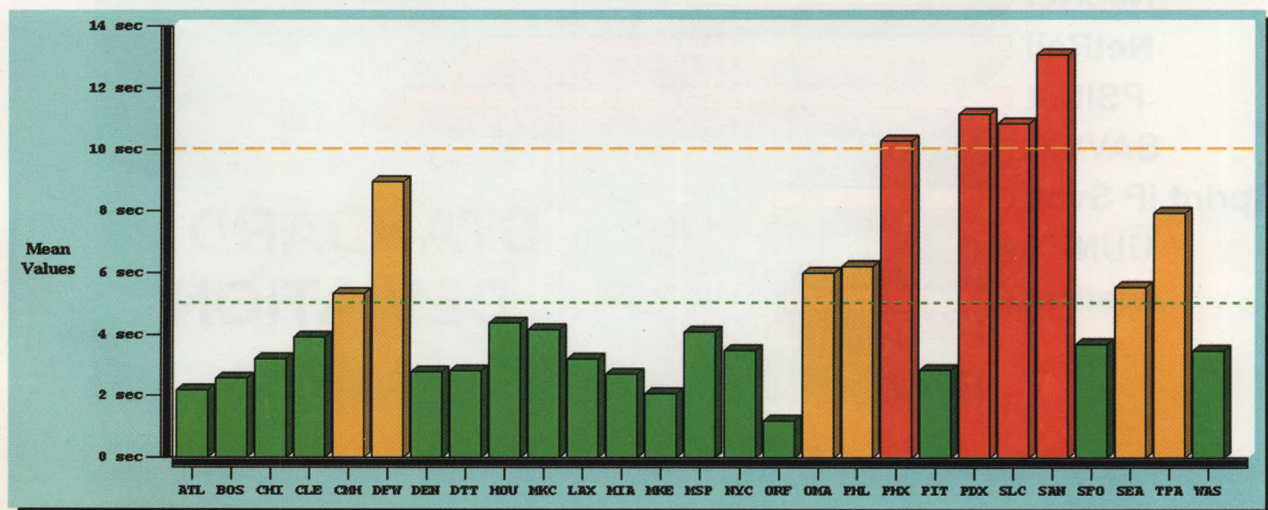
AVERAGE: 8.997 seconds
DEVIATION: 70.469 seconds

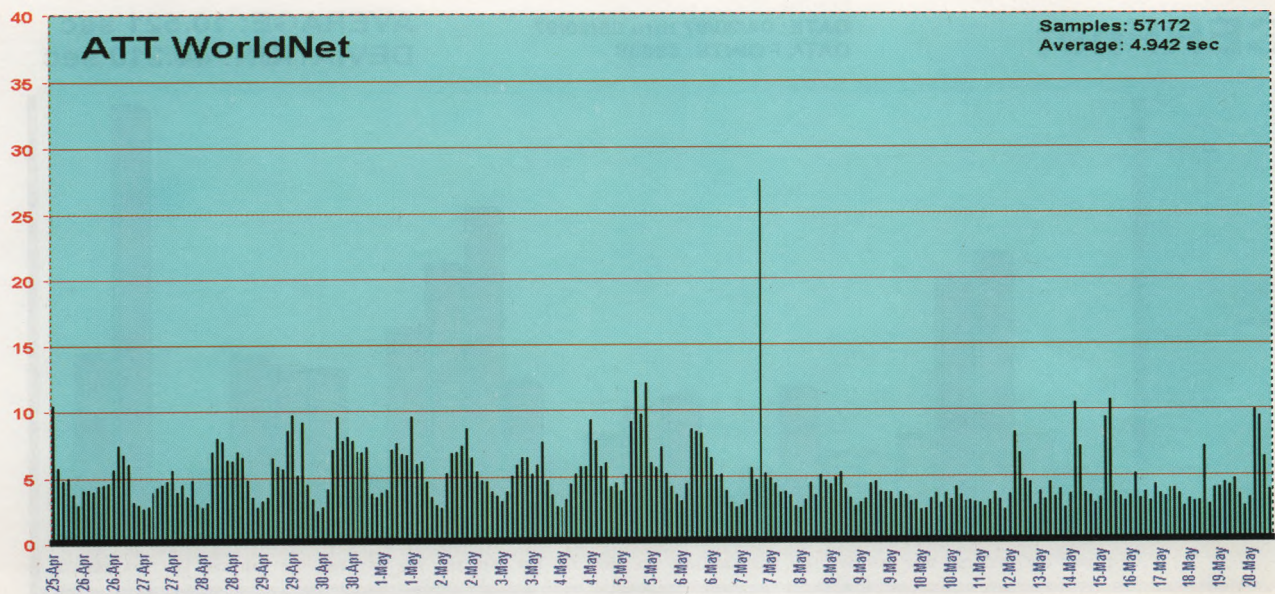
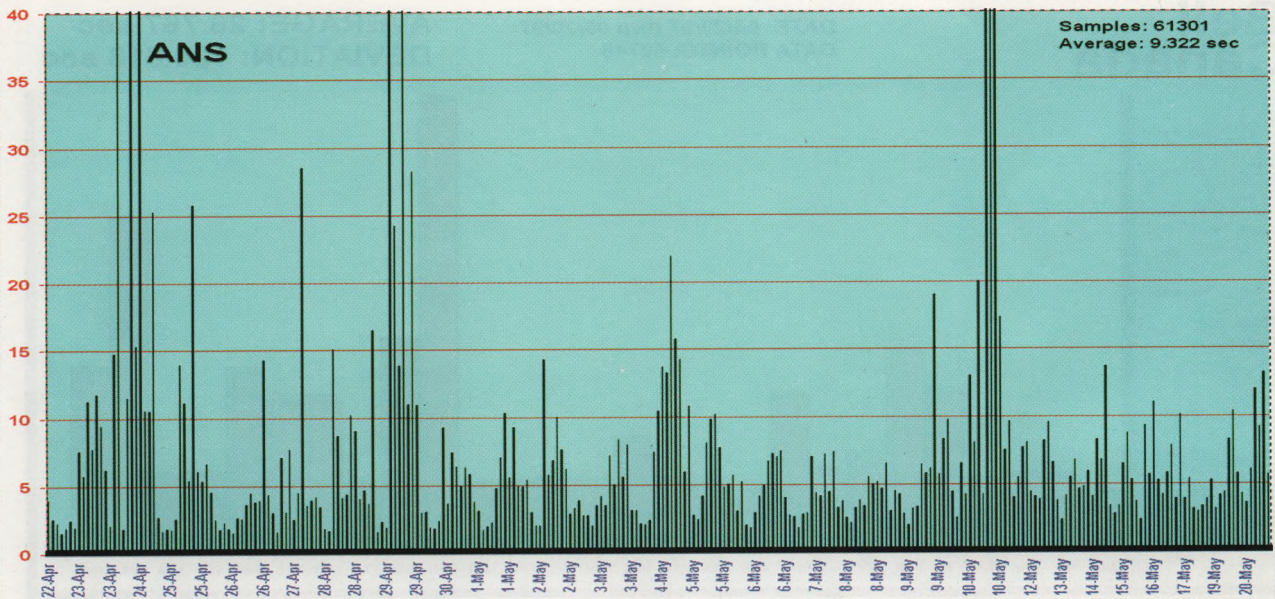
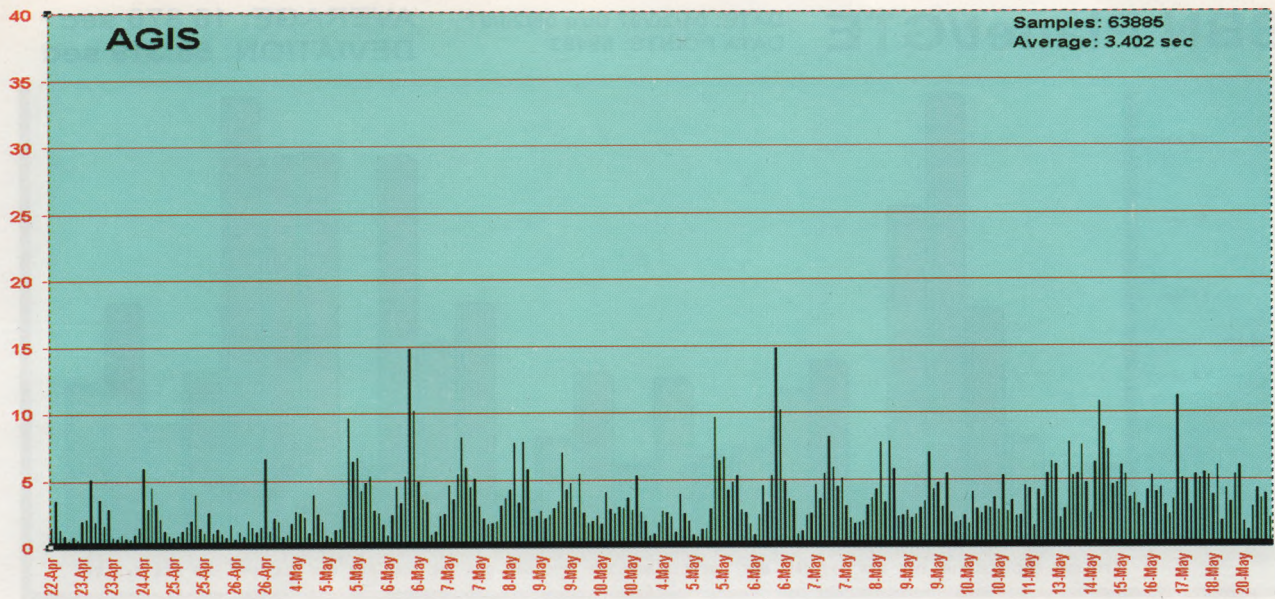


ATT WorldNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 65580

AVERAGE: 4.921 sec
DEVIATION: 15.121 sec

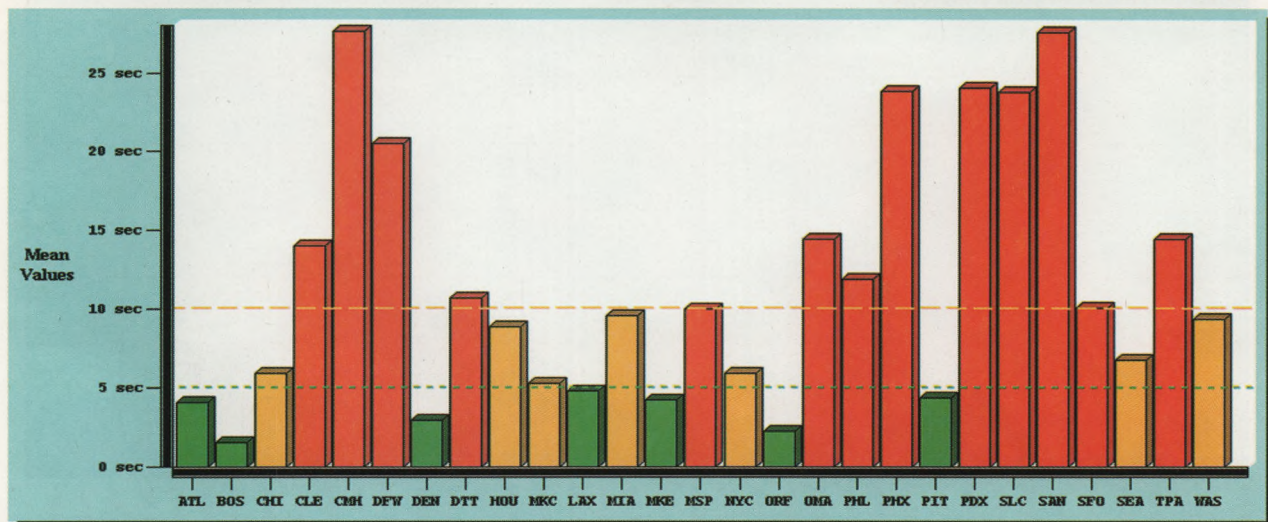




BBN Planet/GTE

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59183

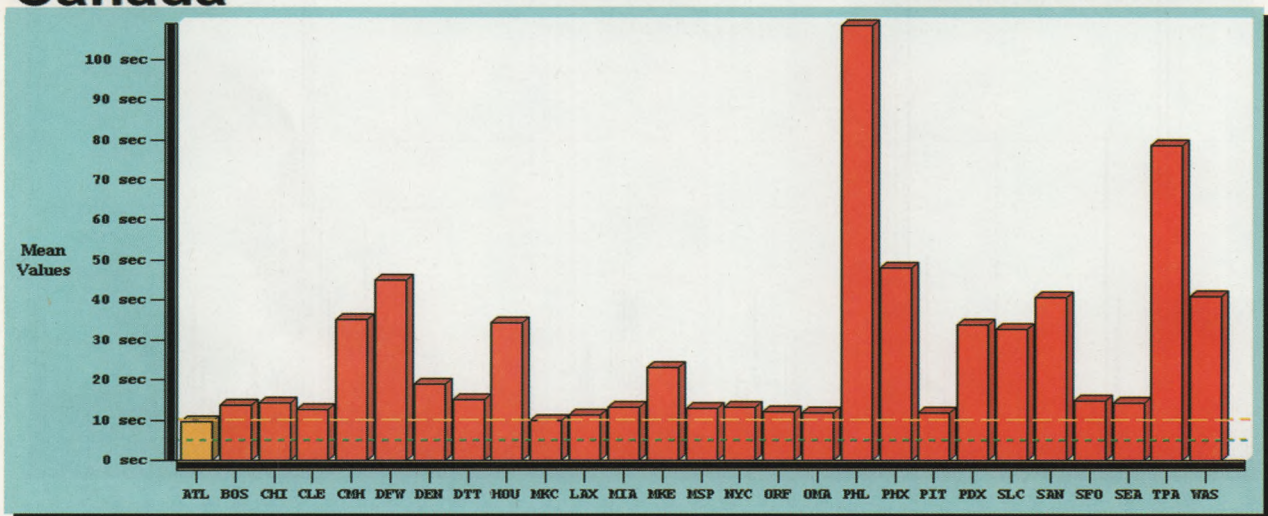
AVERAGE: 10.870 sec
DEVIATION: 58.319 sec



Bell Canada

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 52748

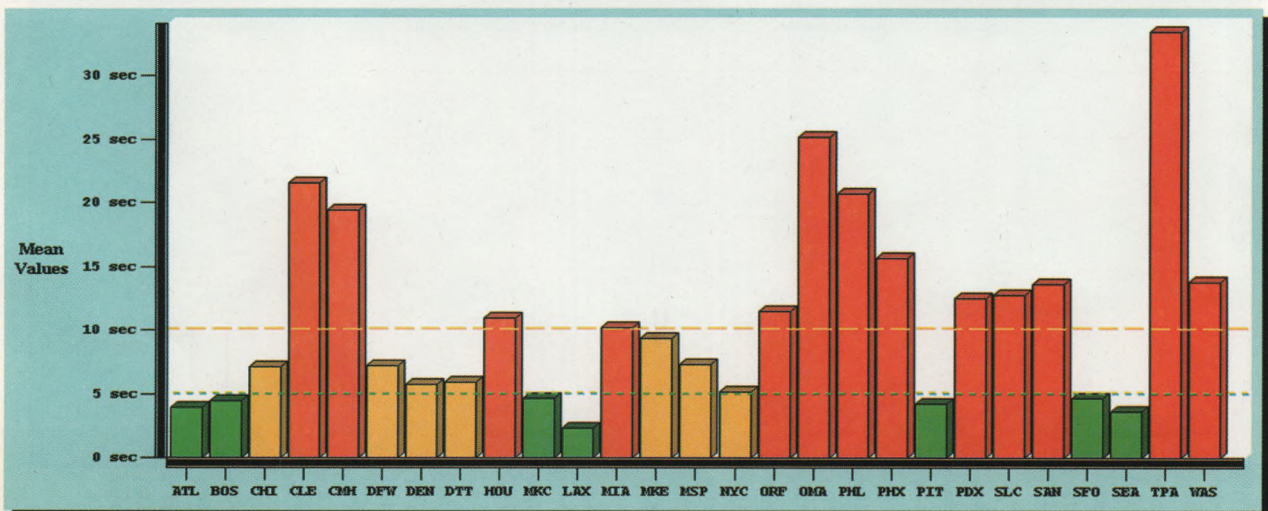
AVERAGE: 26.767 sec
DEVIATION: 126.818 sec

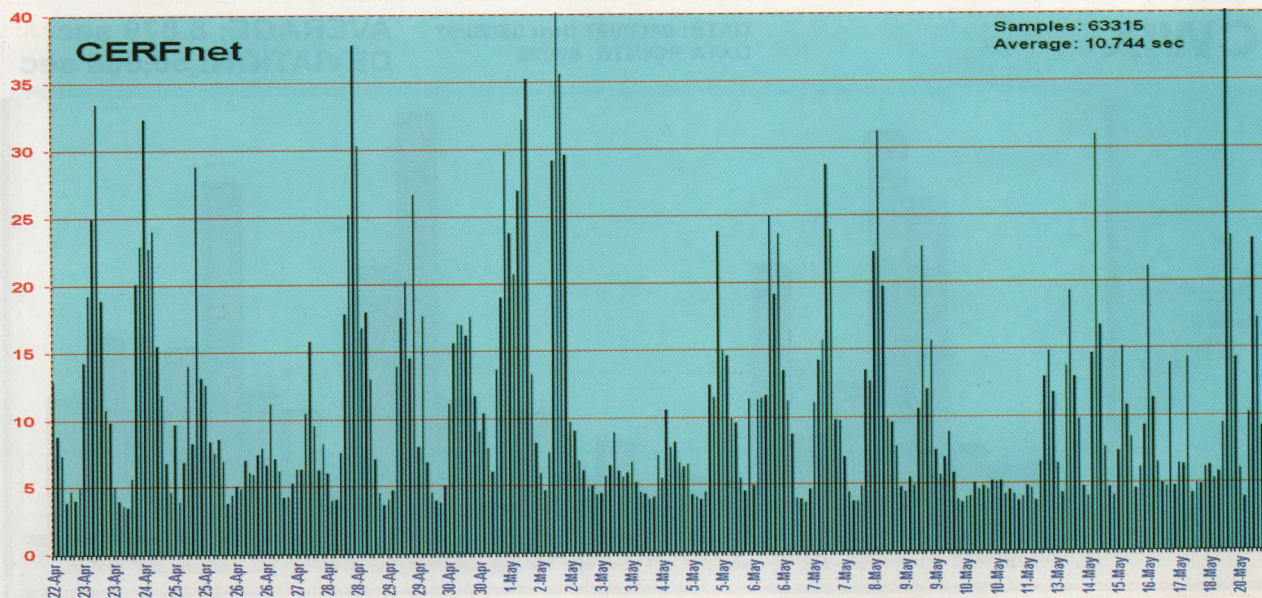
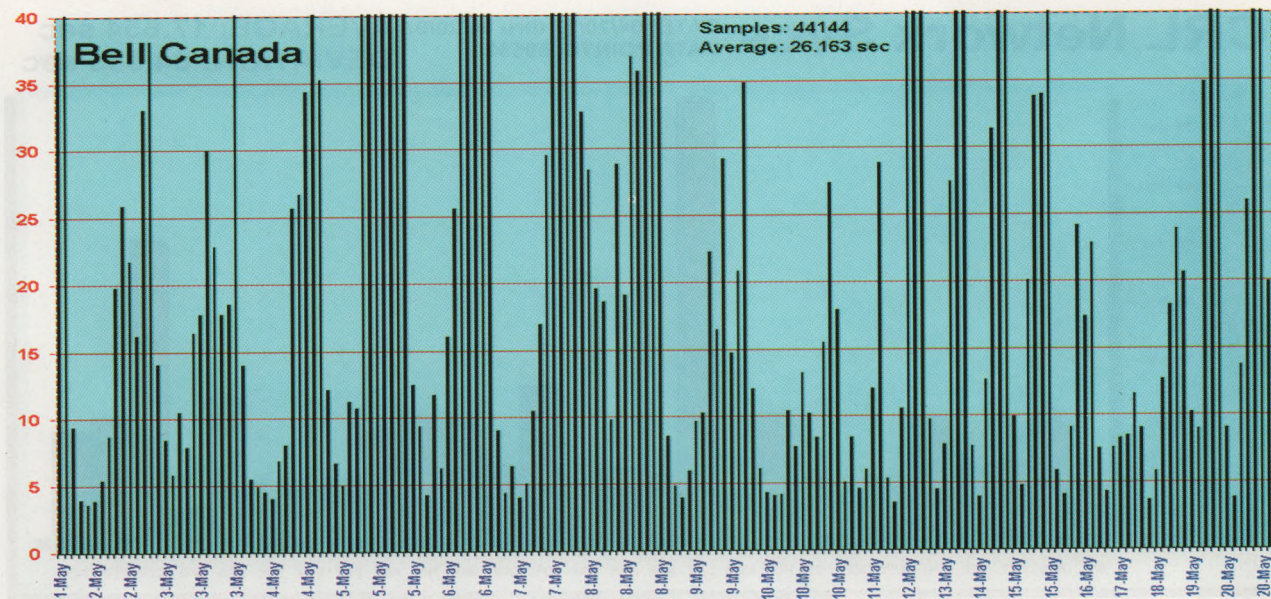
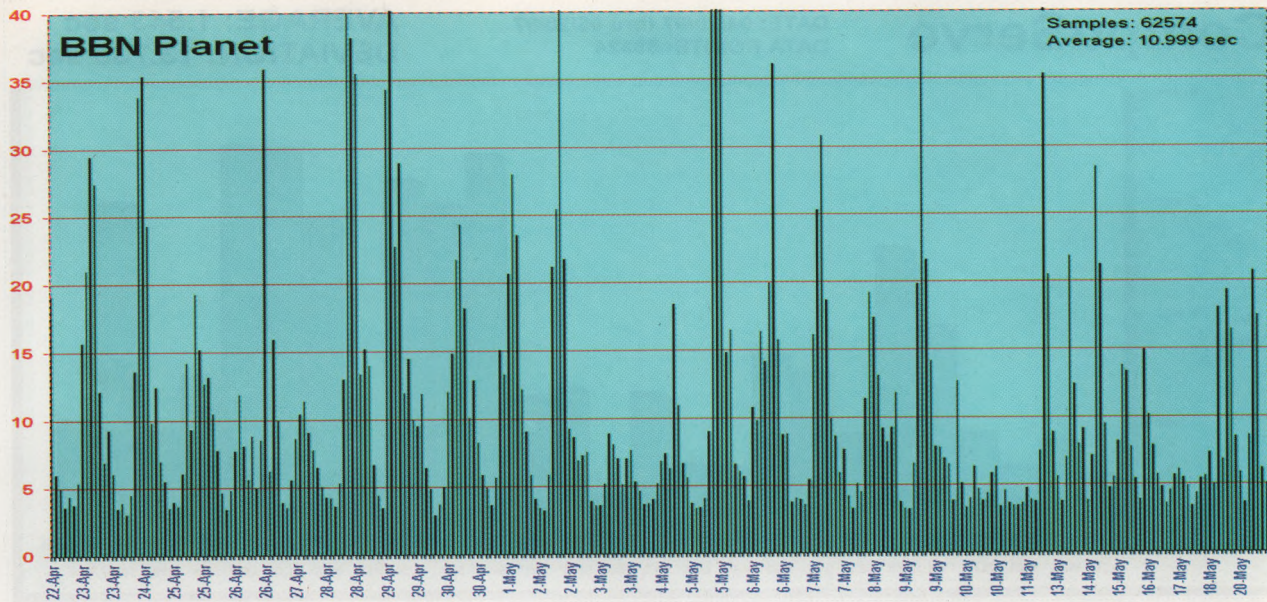


CERFnet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59838

AVERAGE: 10.521 sec
DEVIATION: 44.210 sec

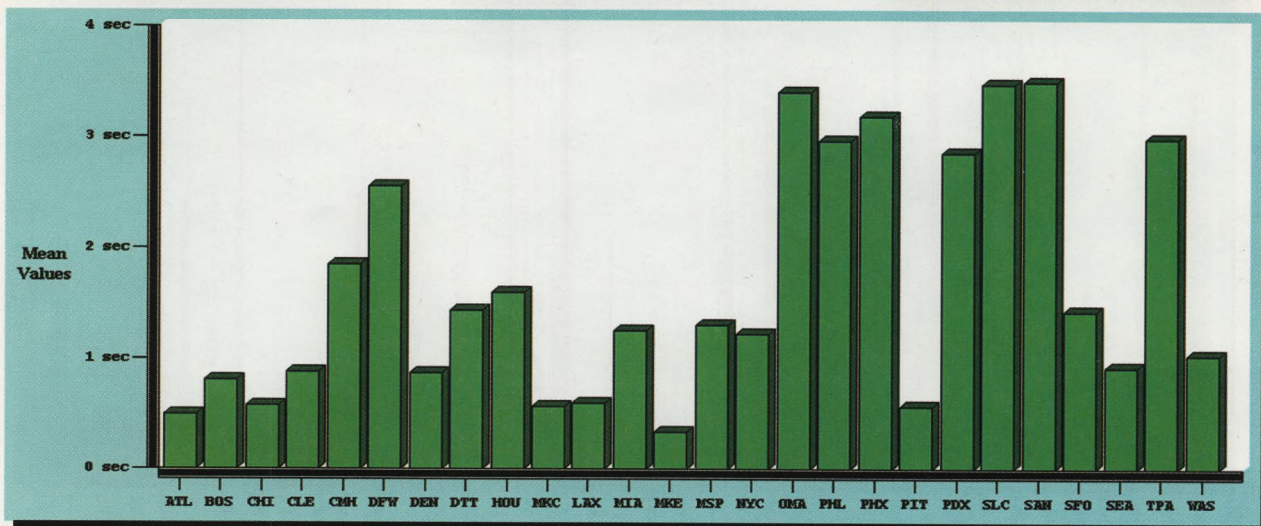




CompuServe

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 58324

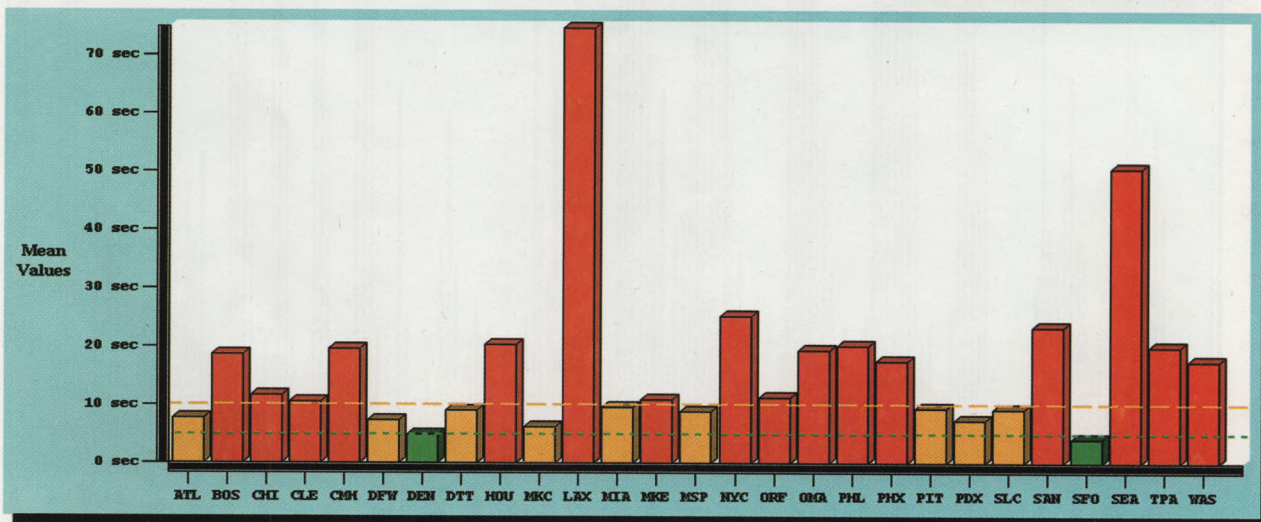
AVERAGE: 1.543 sec
DEVIATION: 13.735 sec



CRL Network Svcs

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59532

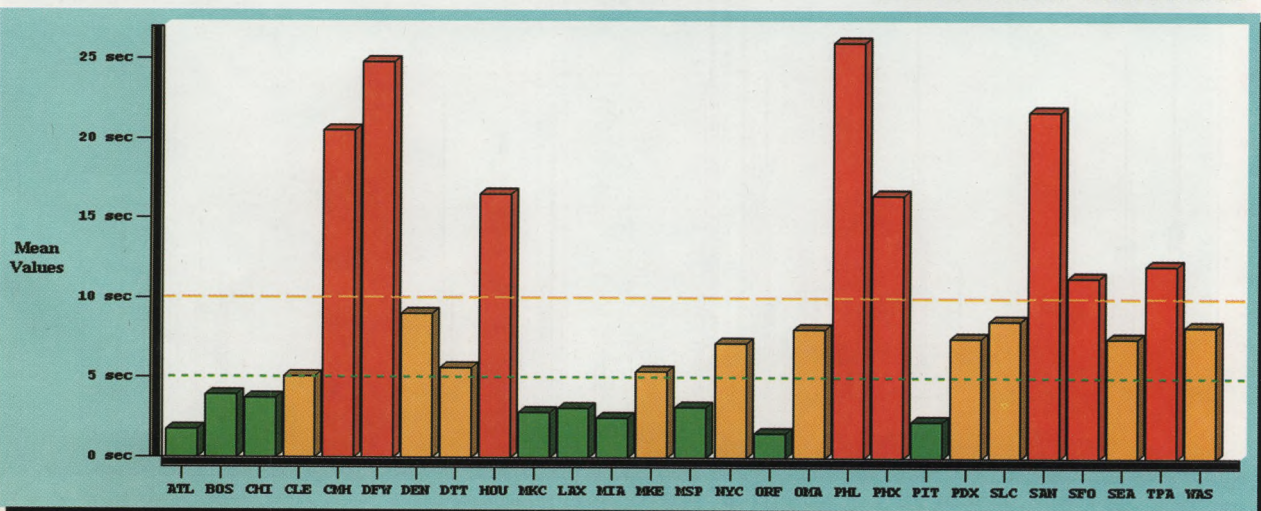
AVERAGE: 17.654 sec
DEVIATION: 84.885 sec

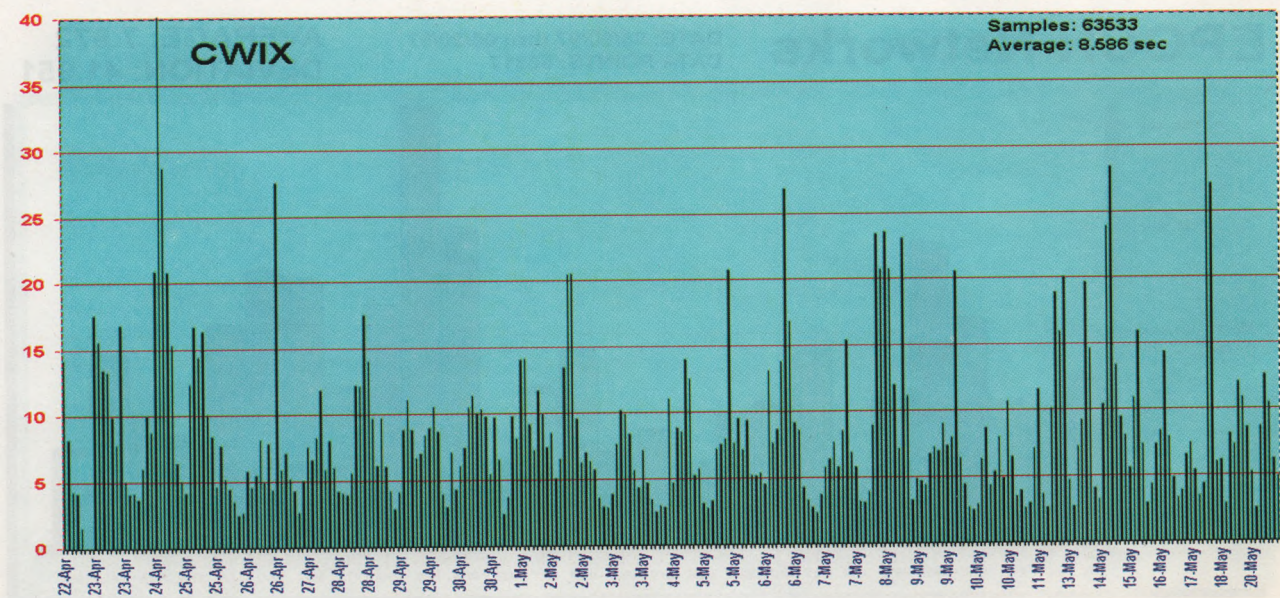
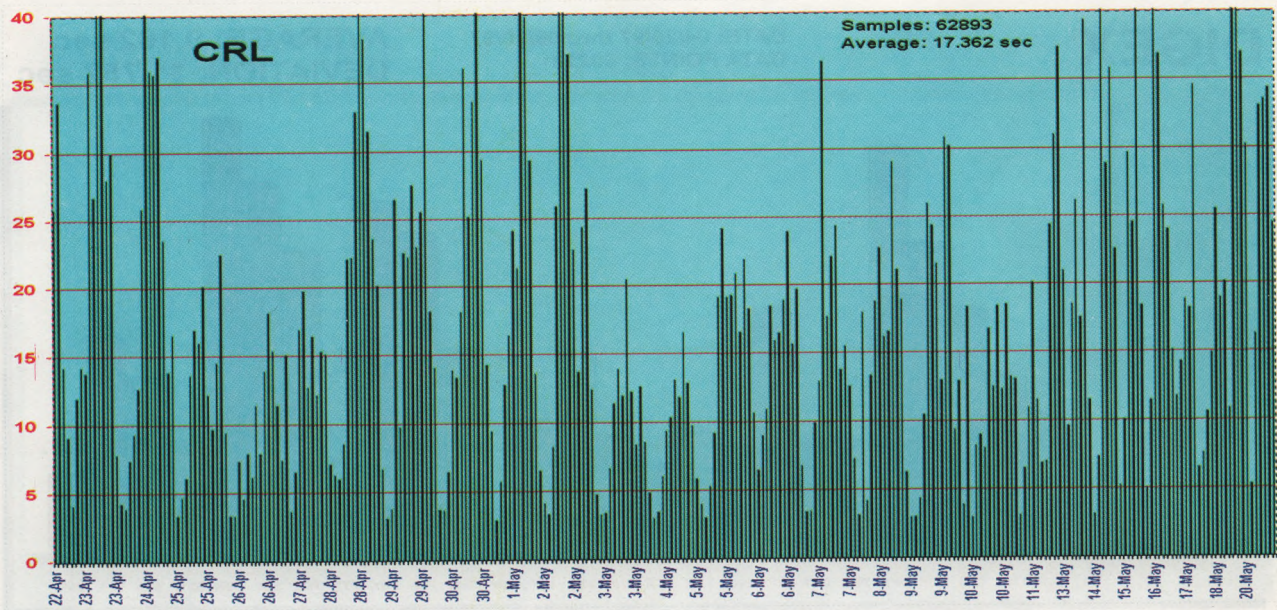
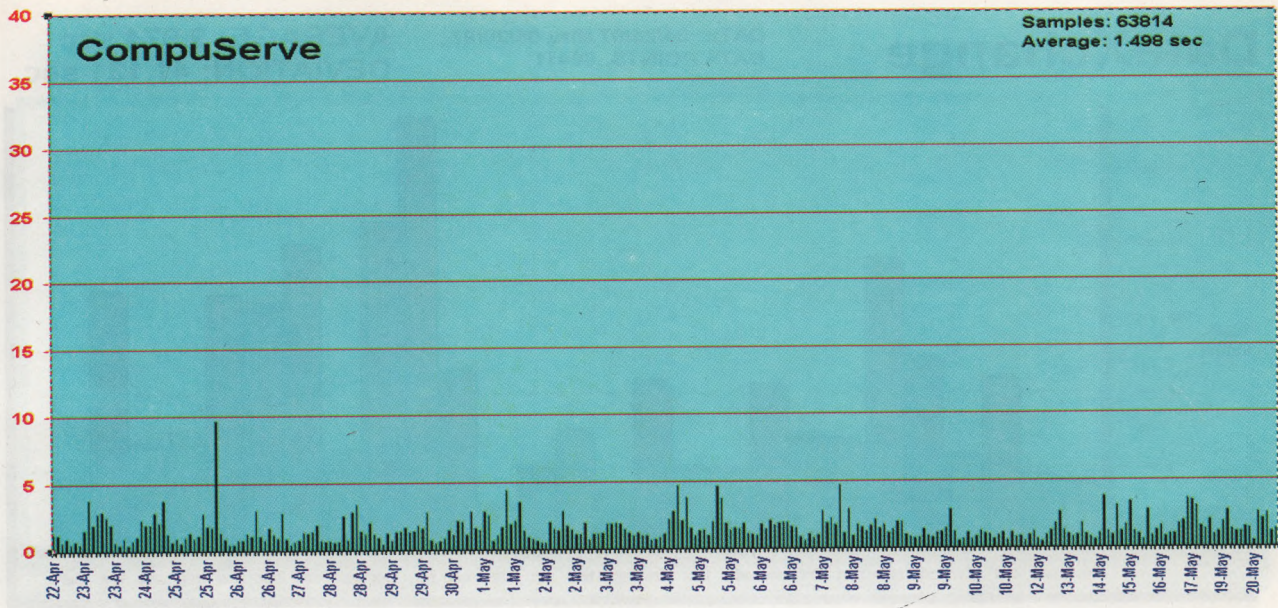


CWIX

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60020

AVERAGE: 8.879 sec
DEVIATION: 50.665 sec

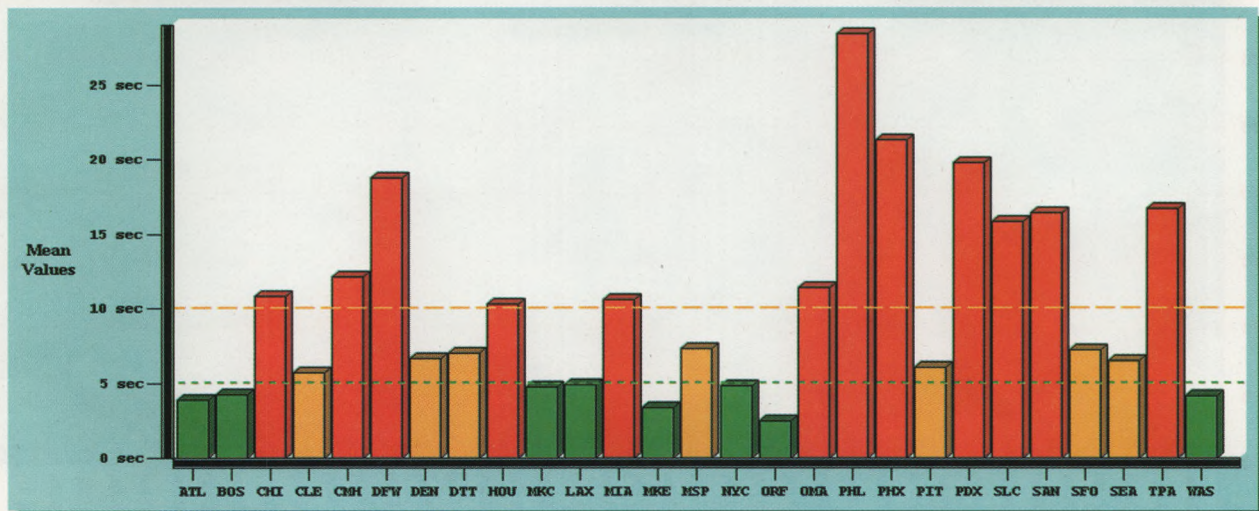




DataXchange

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60411

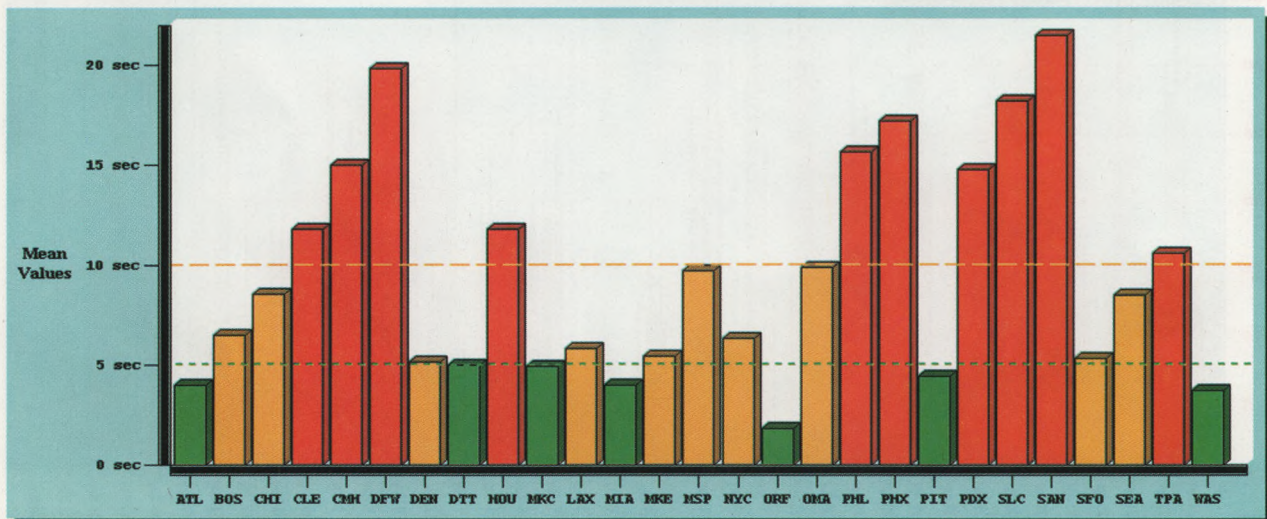
AVERAGE: 9.974 sec
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DIGEX

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60213

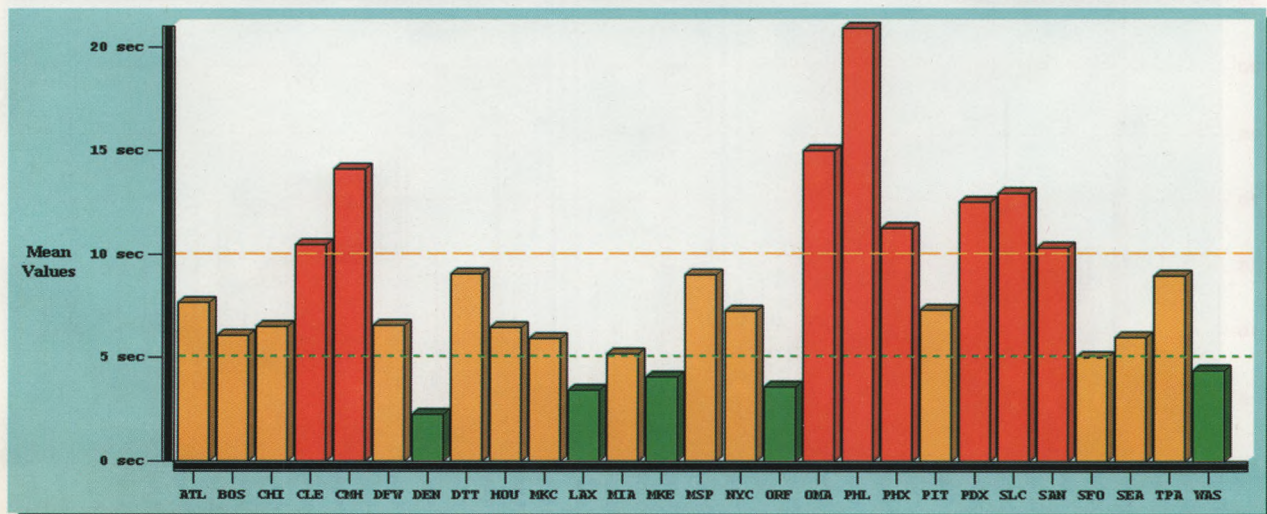
AVERAGE: 9.162 sec
DEVIATION: 31.752 sec

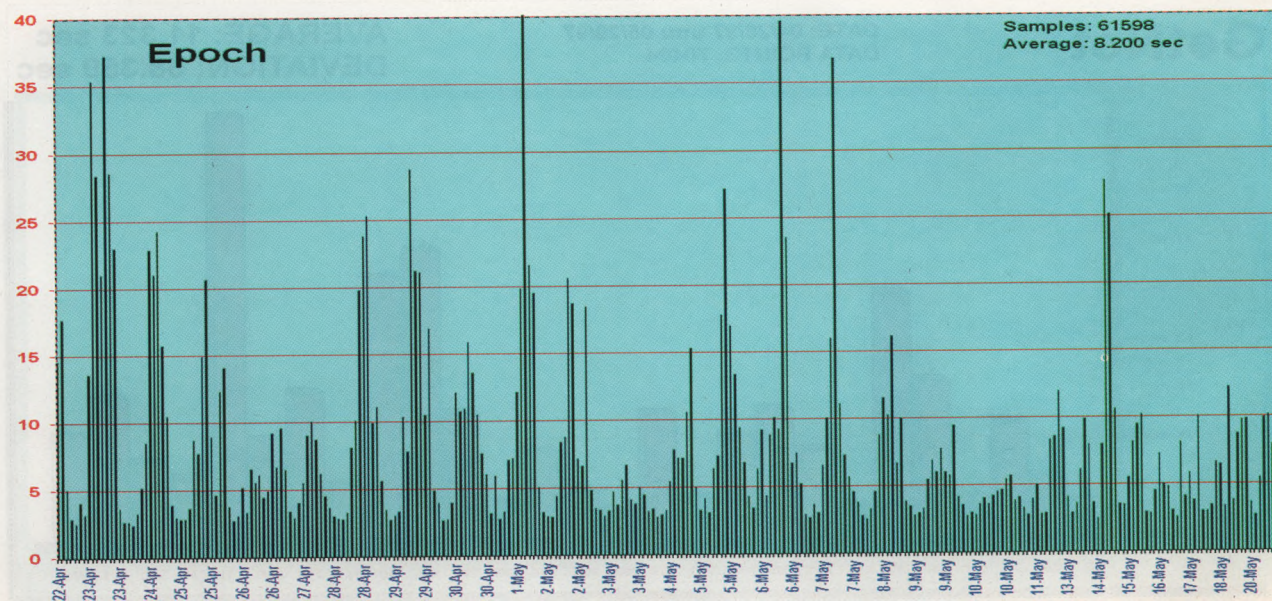
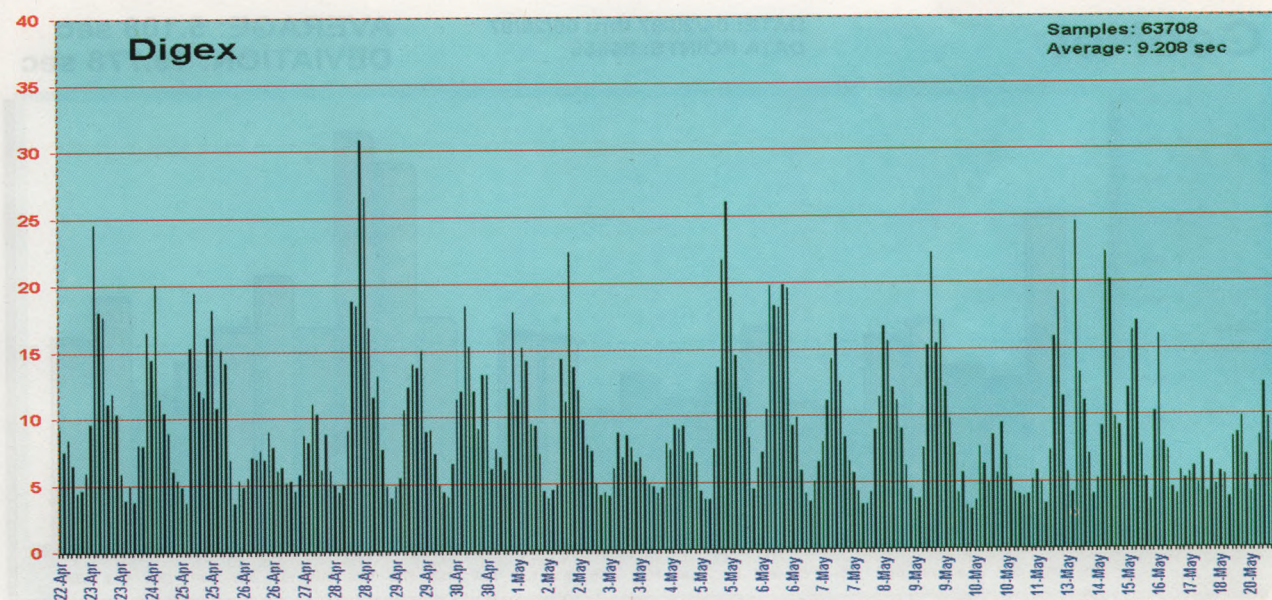
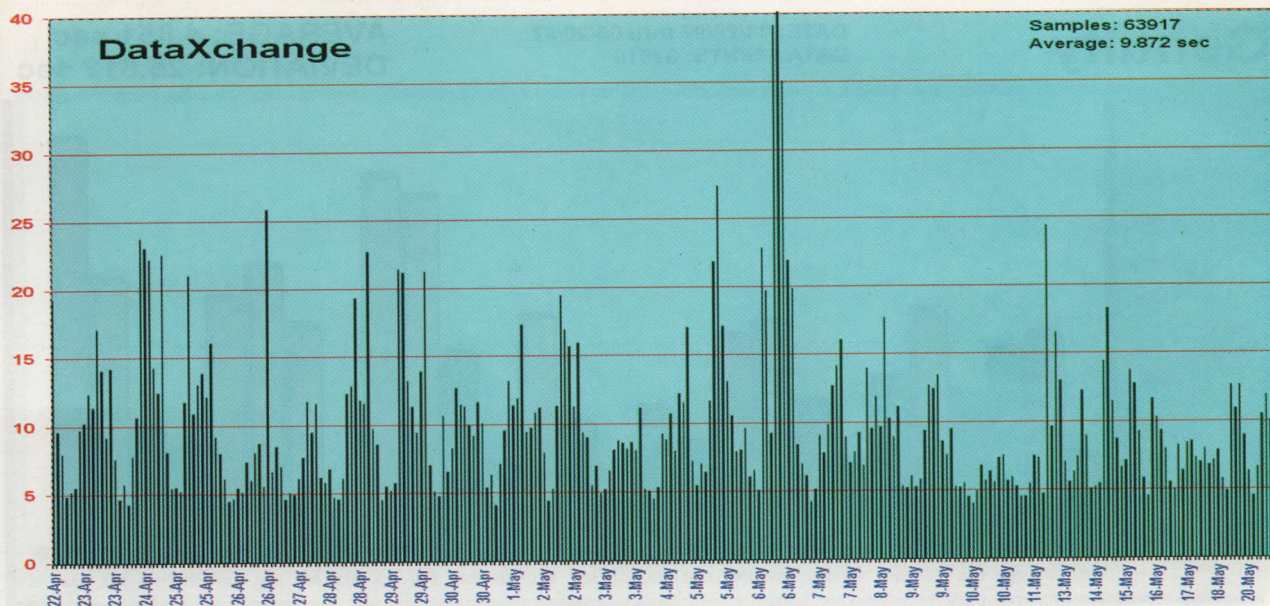


EPOCH Networks

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 58217

AVERAGE: 7.972
DEVIATION: 41.951

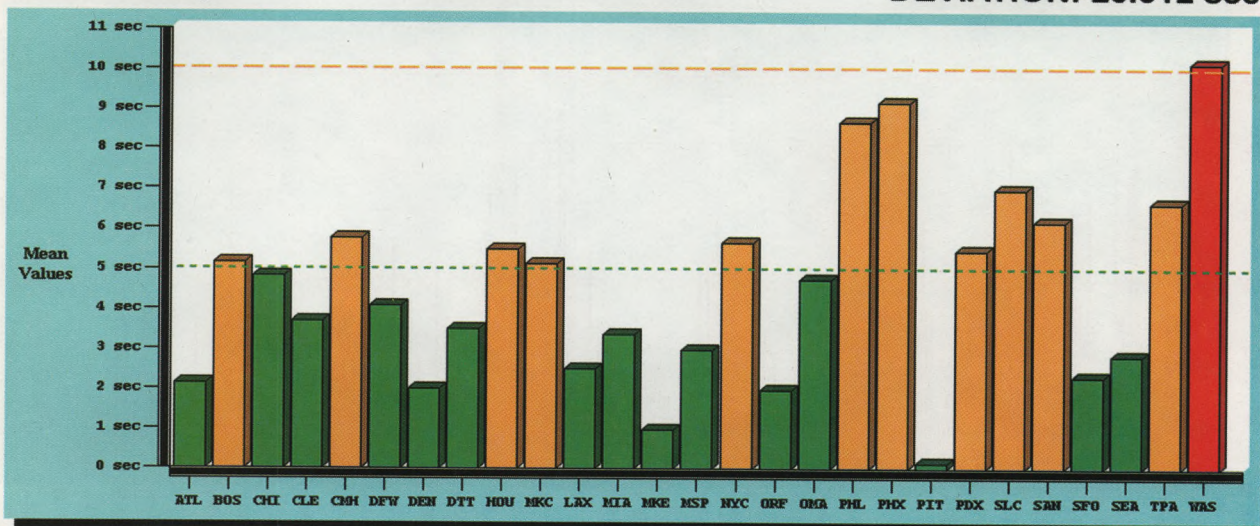




Genuity

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 63610

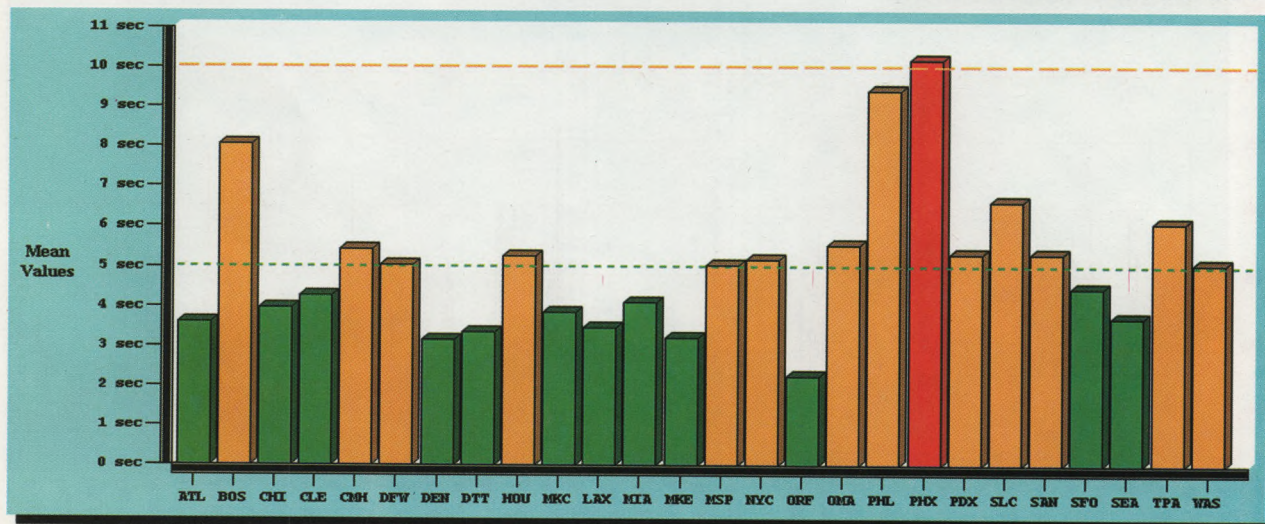
AVERAGE: 4.851 sec
DEVIATION: 25.512 sec



GeoNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 36856

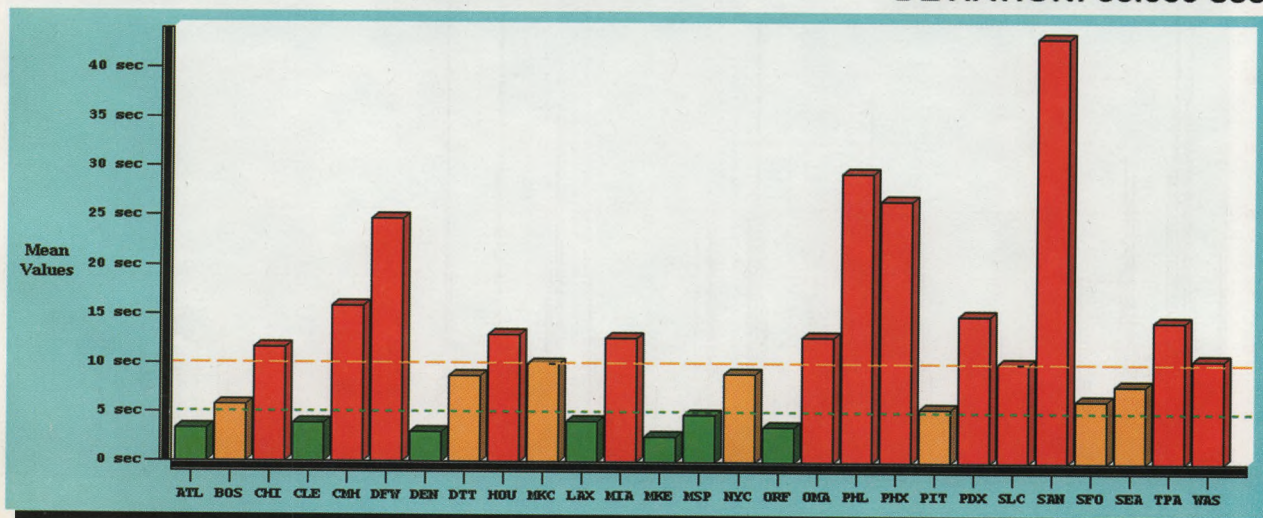
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DEVIATION: 19.778 sec

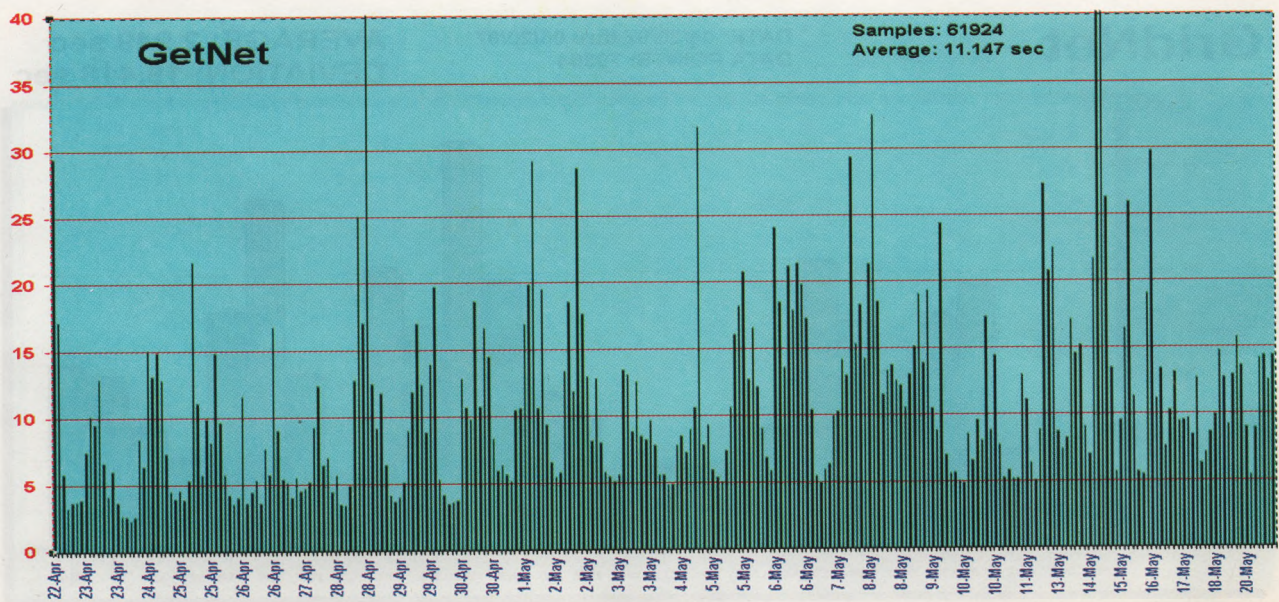
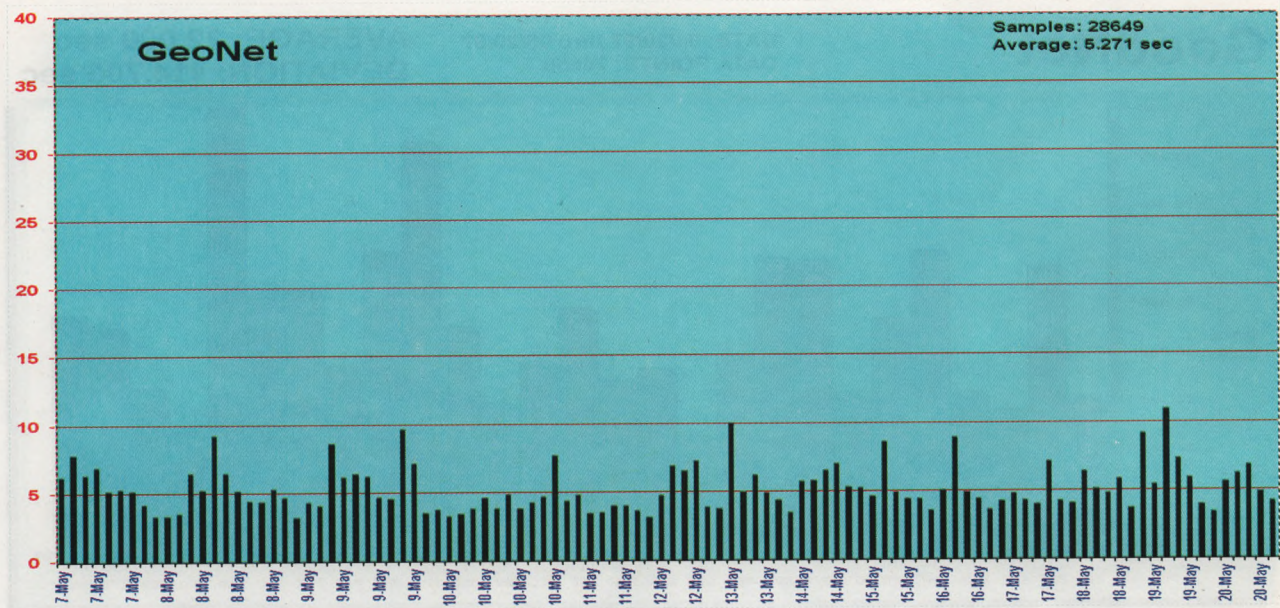
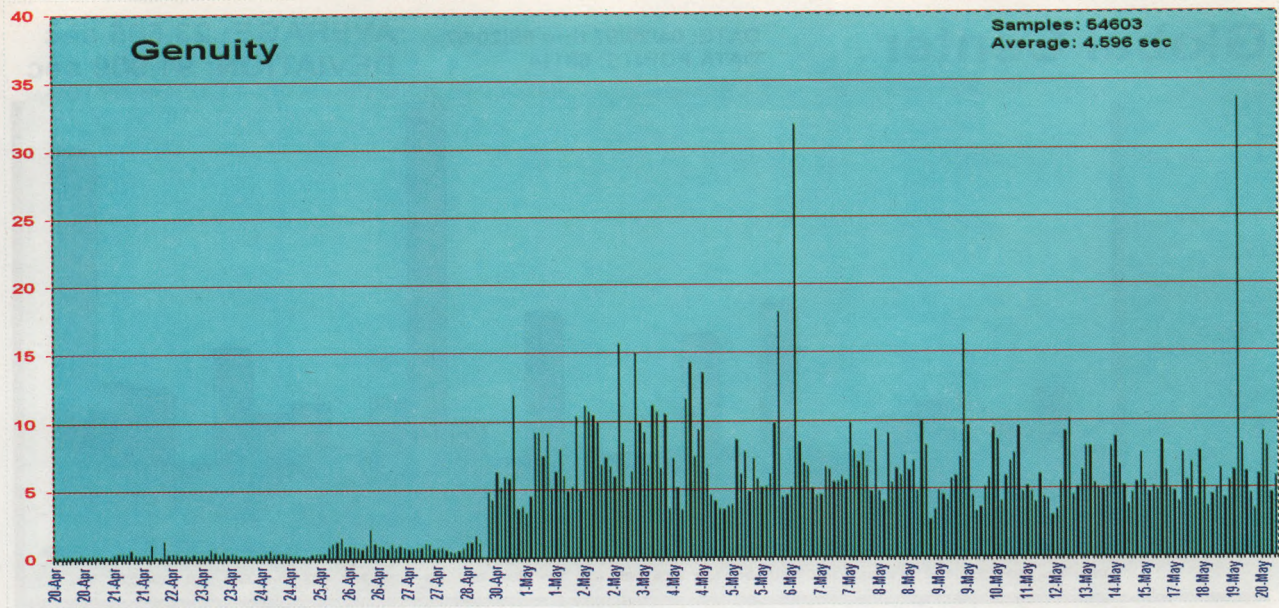


GetNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 70404

AVERAGE: 11.323 sec
DEVIATION: 58.359 sec

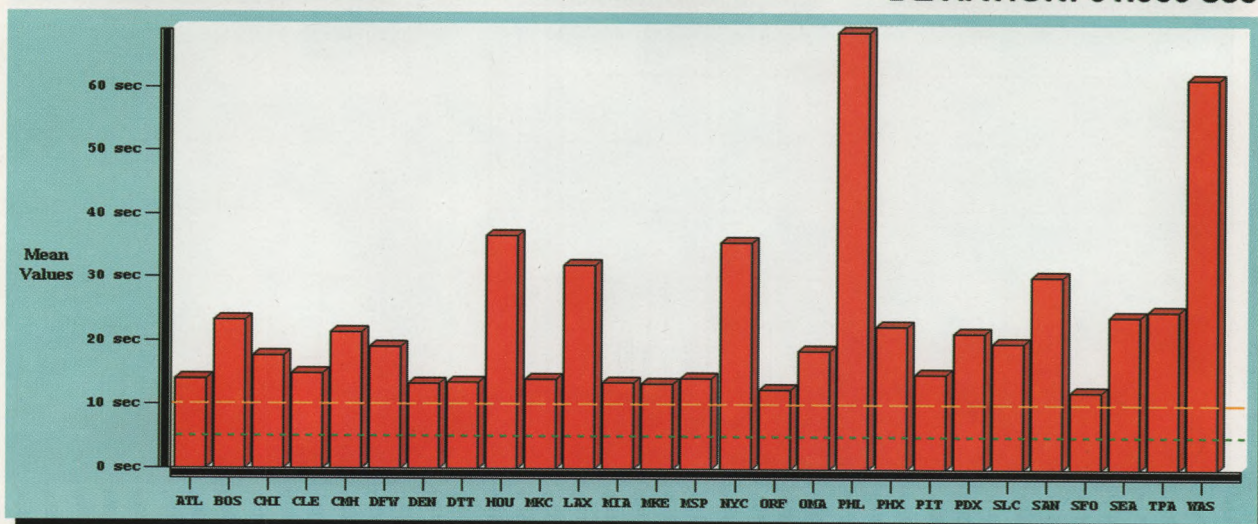




Global Center

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60114

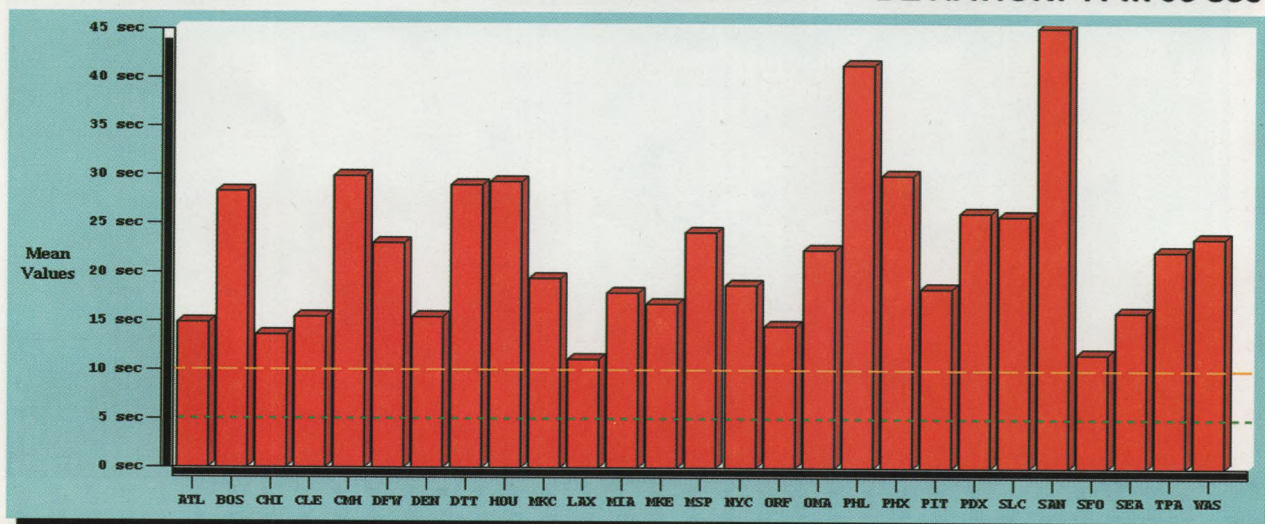
AVERAGE: 23.505 sec
DEVIATION: 91.909 sec



GoodNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 70658

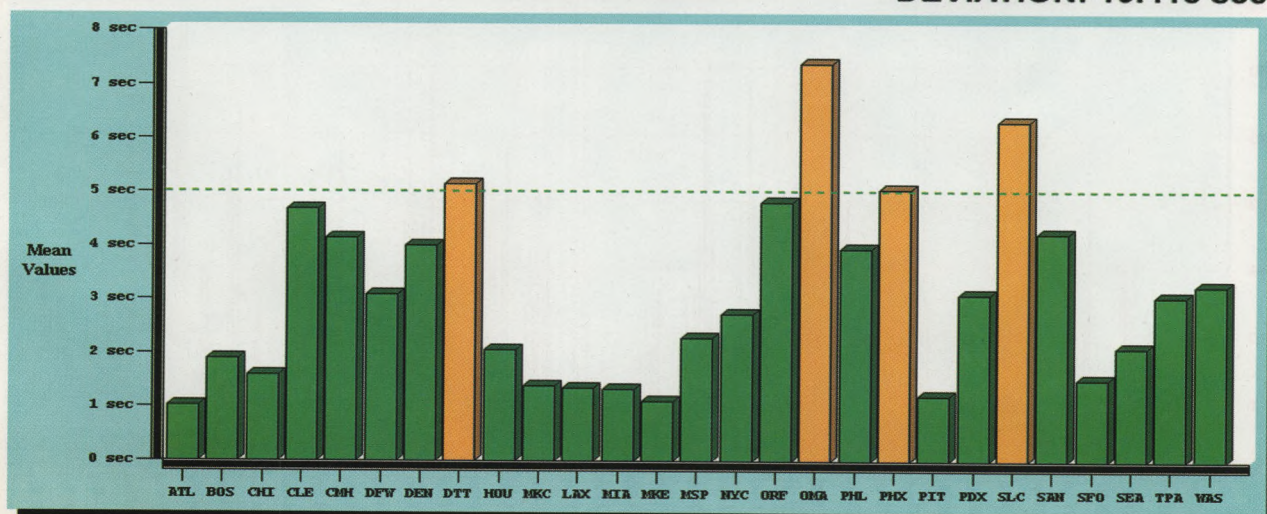
AVERAGE: 22.000 sec
DEVIATION: 114.705 sec

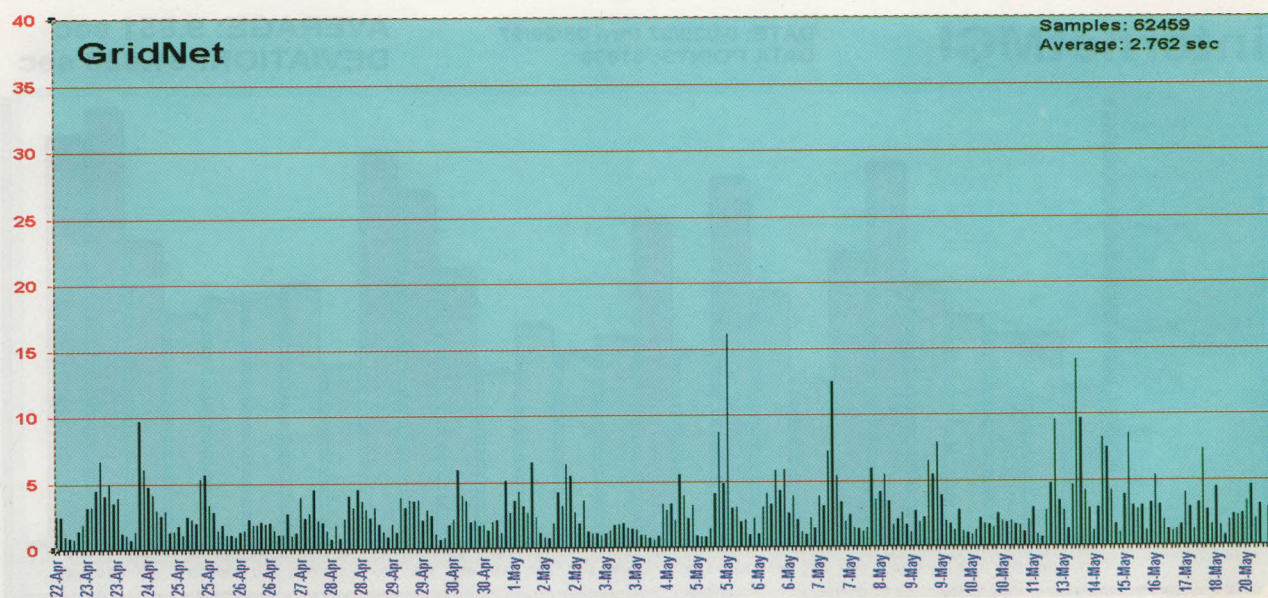
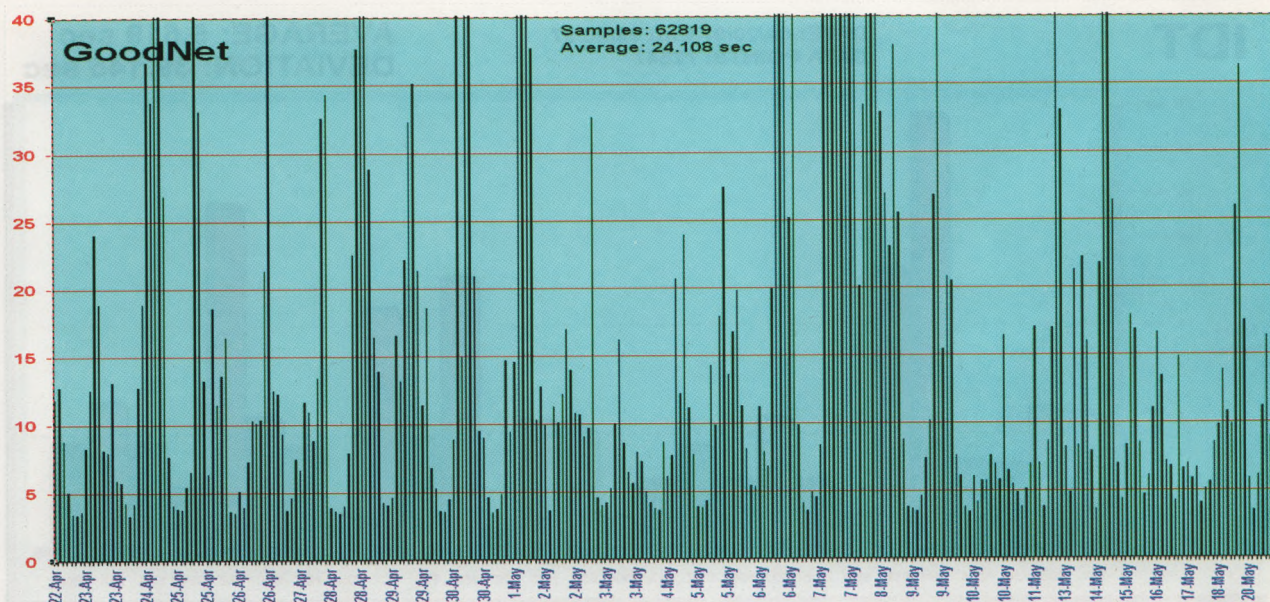
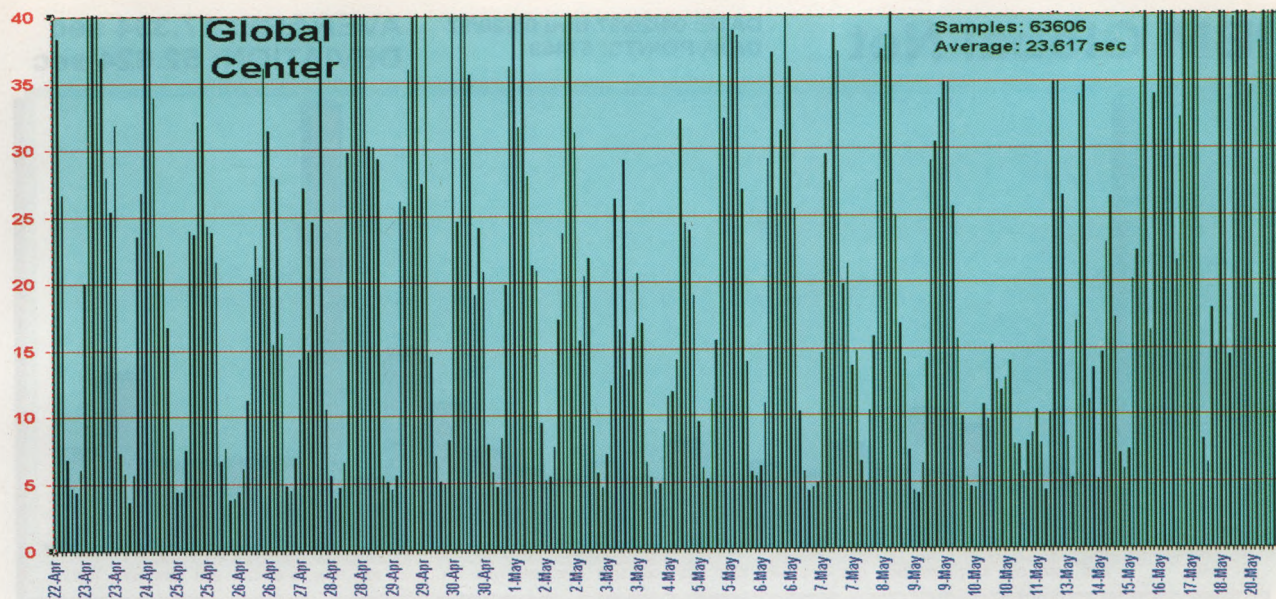


GridNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 70364

AVERAGE: 2.949 sec
DEVIATION: 19.418 sec

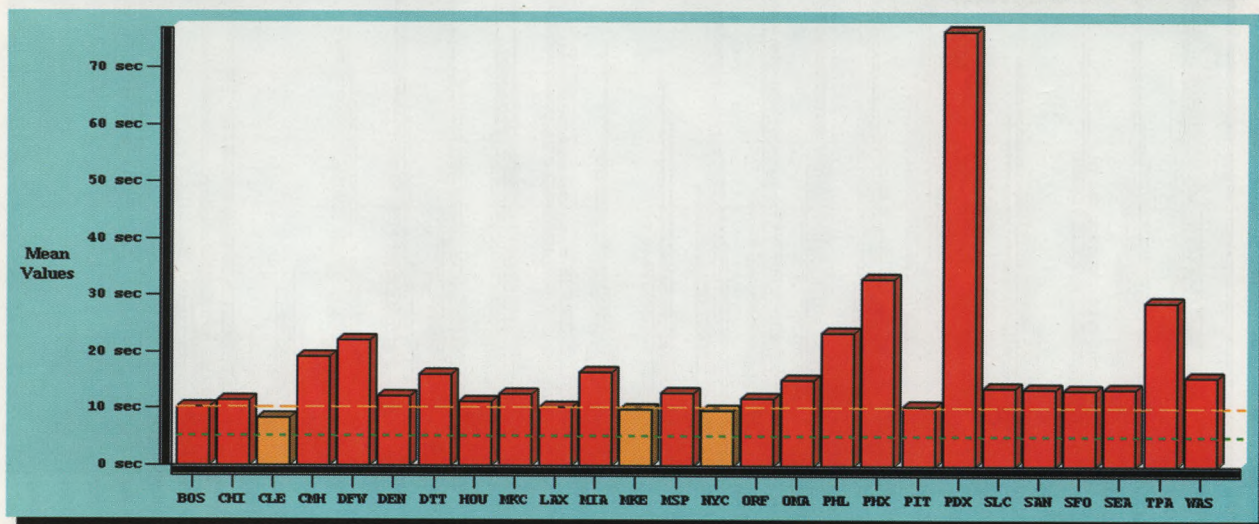




IBM Global Net

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 57459

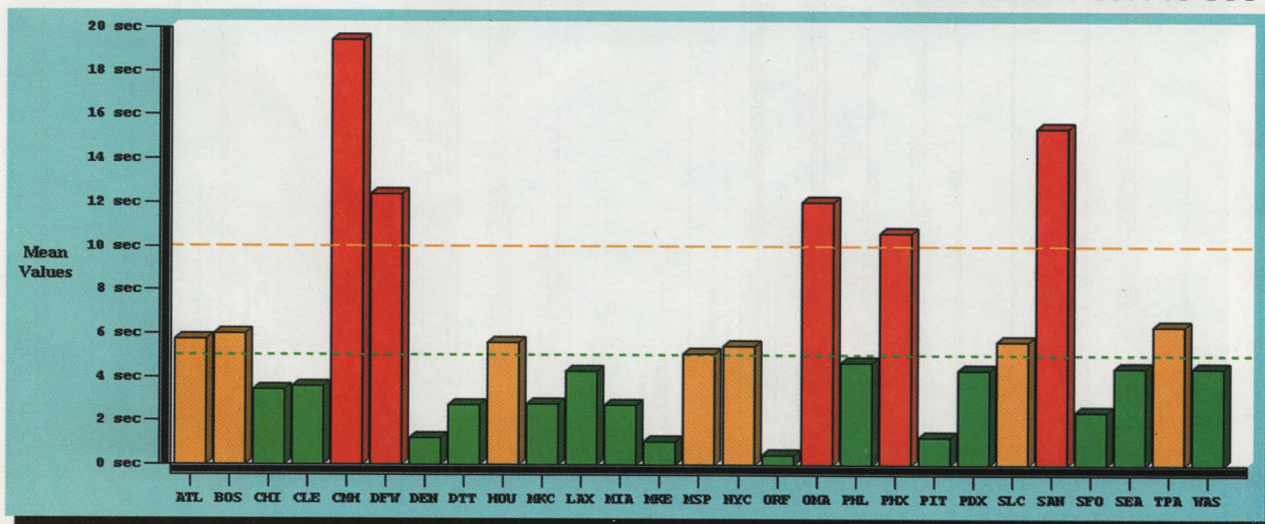
AVERAGE: 17.394 sec
DEVIATION: 52.624 sec



IDT

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 72547

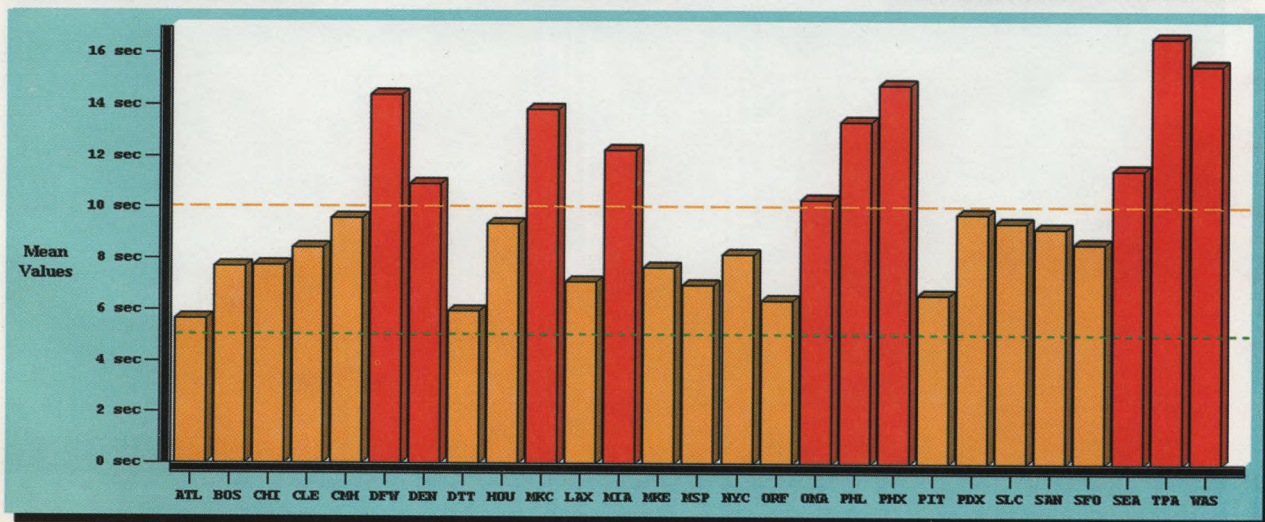
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DEVIATION: 39.145 sec

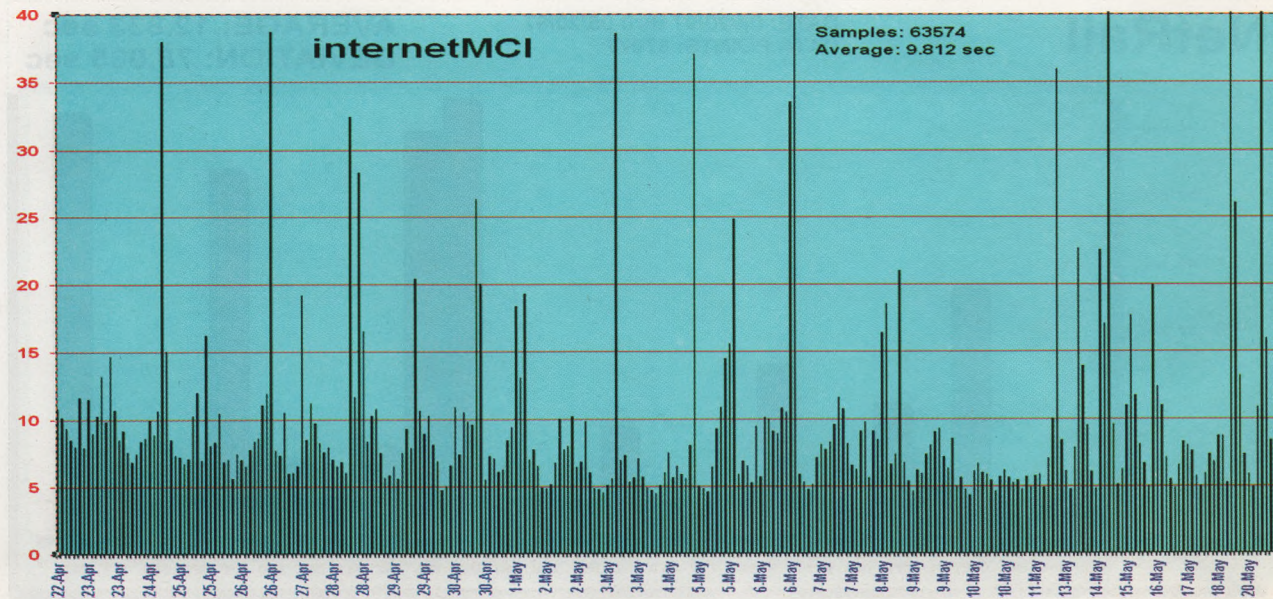
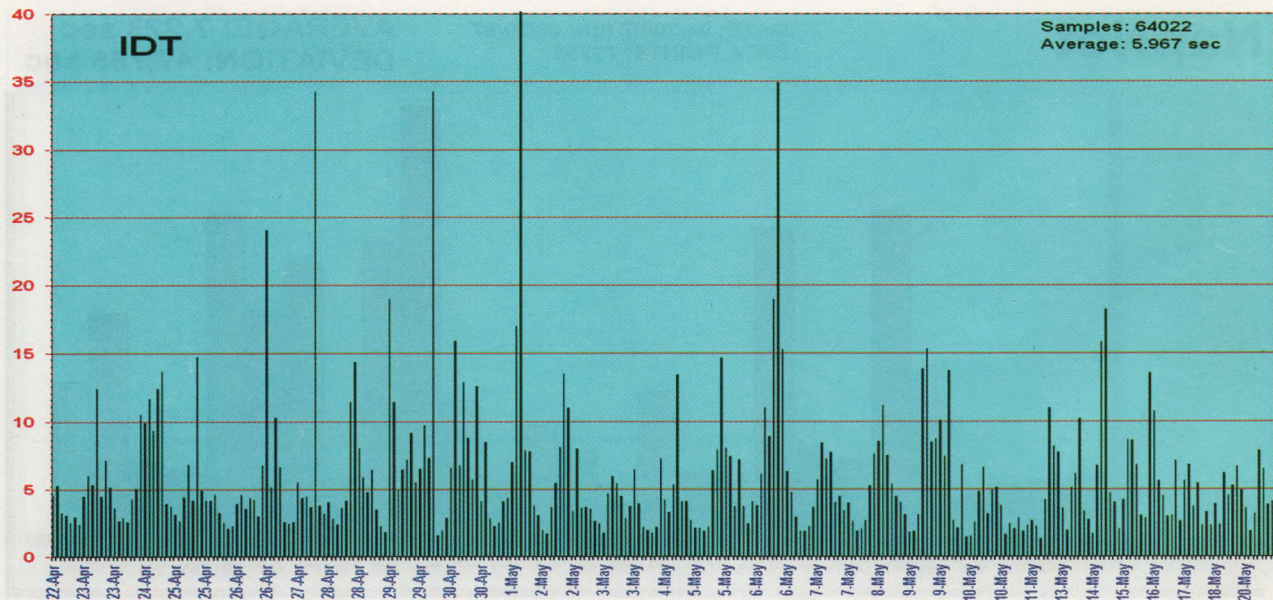
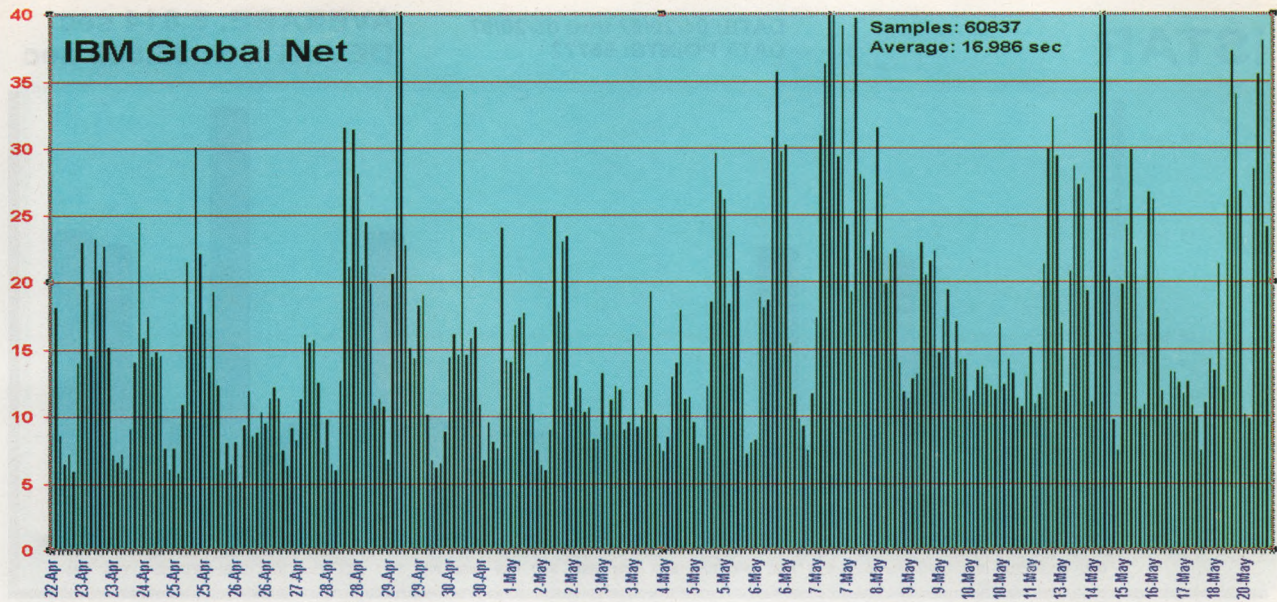


internetMCI

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 61833

AVERAGE: 9.851 sec
DEVIATION: 61.833 sec

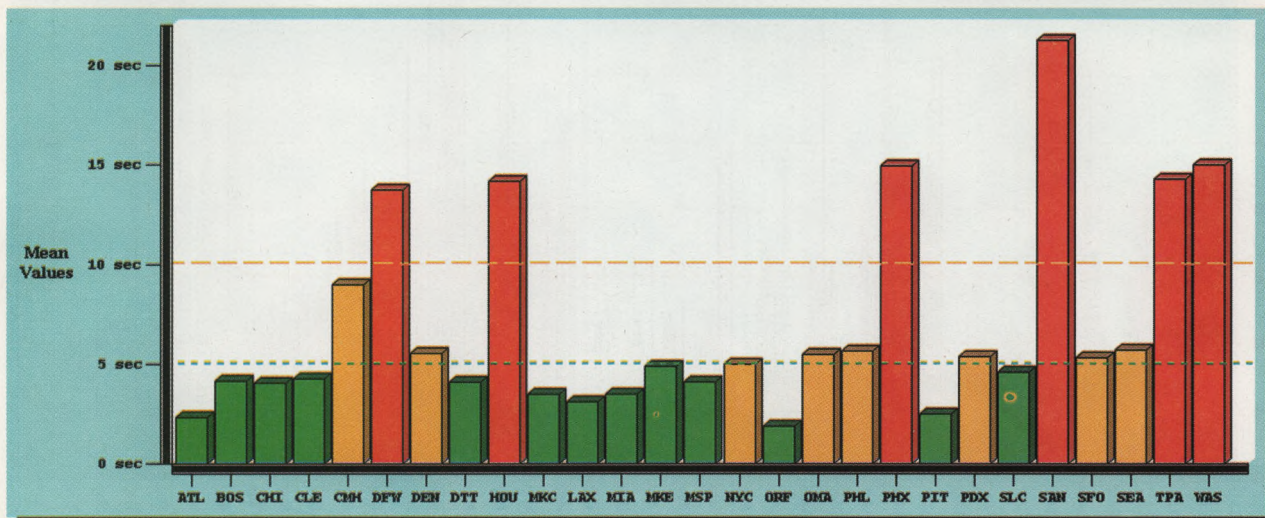




istar

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 65772

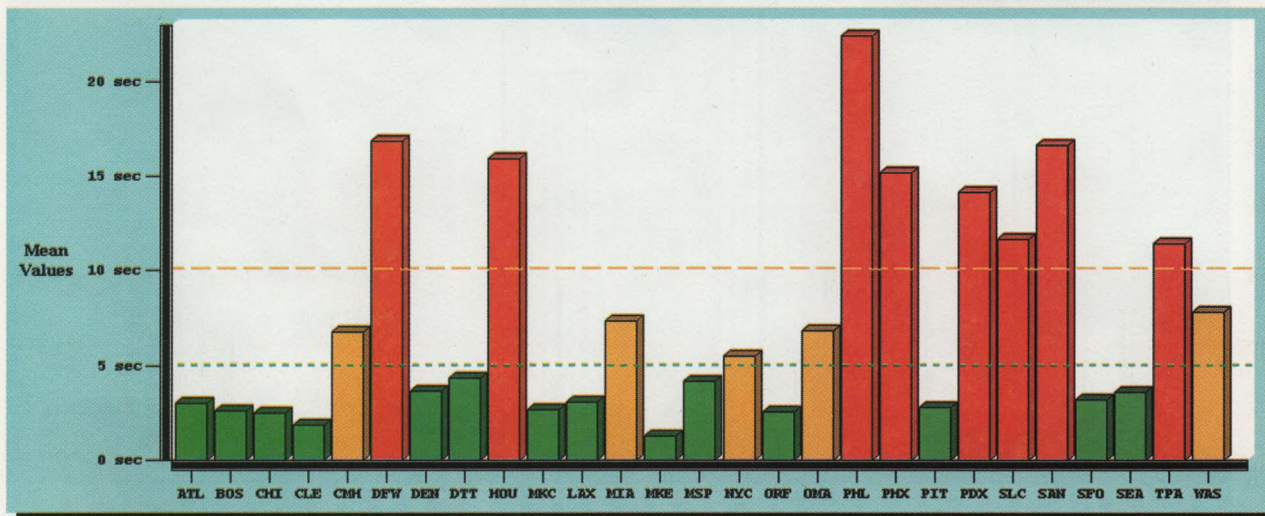
AVERAGE: 6.814 sec
DEVIATION: 36.866 sec



NapNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 72259

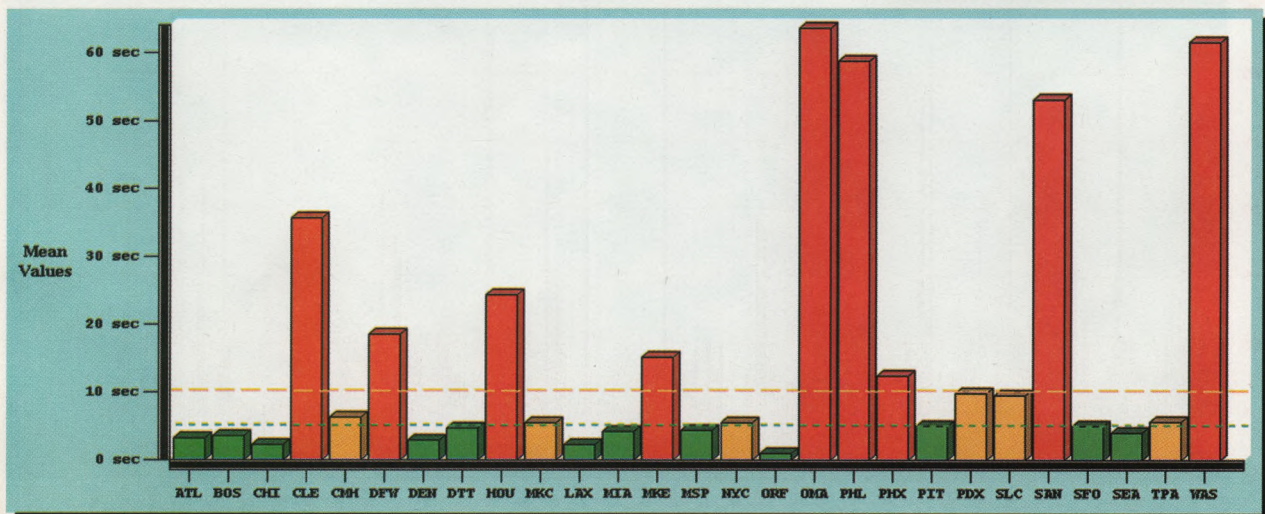
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DEVIATION: 47.785 sec

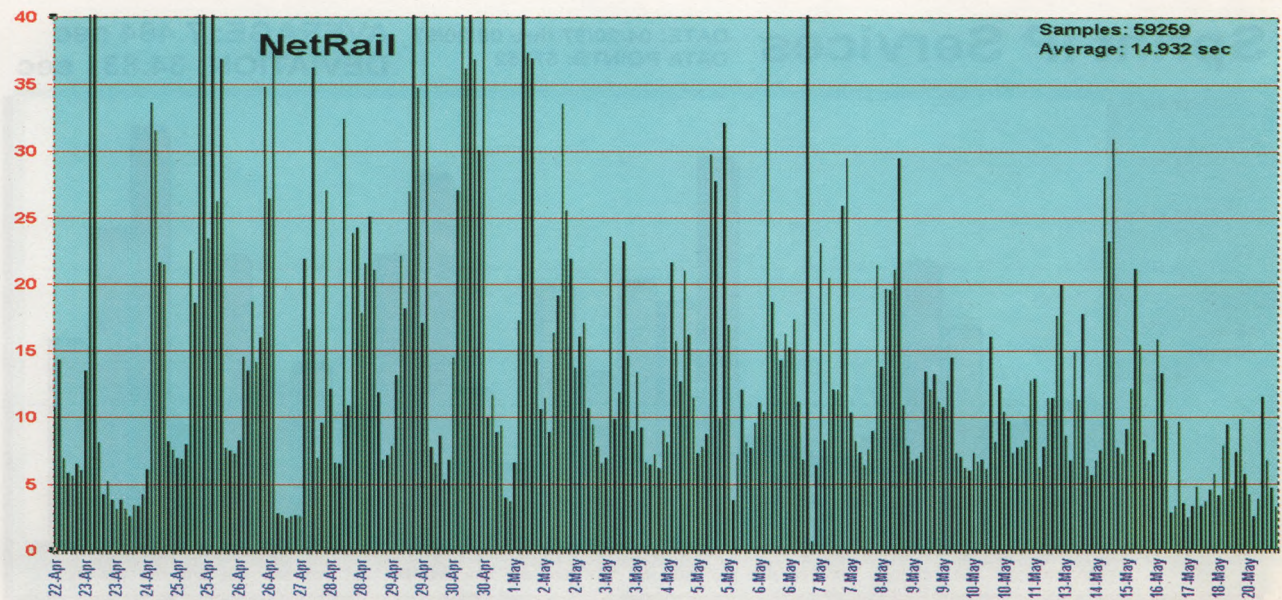
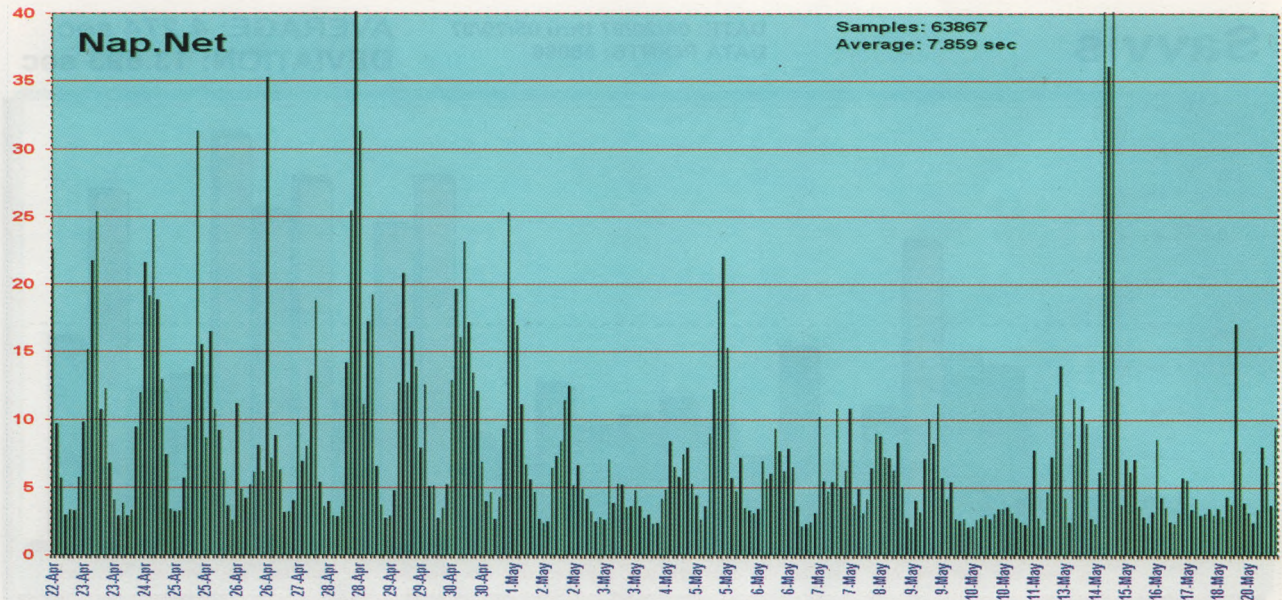
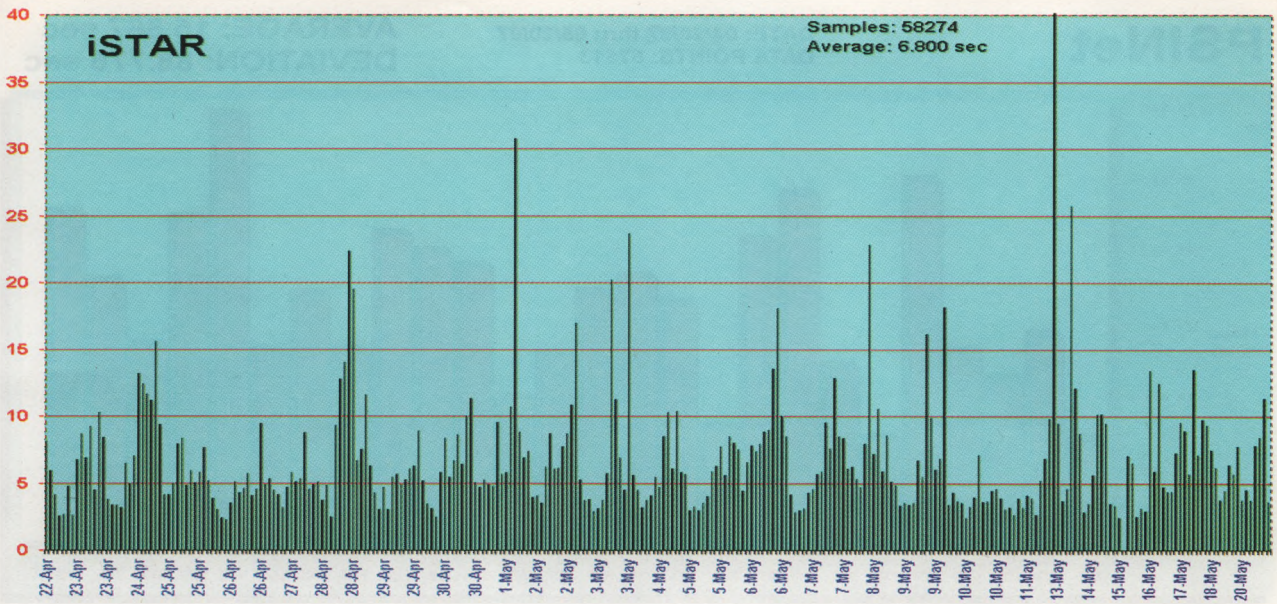


NetRail

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 67077

AVERAGE: 12.833 sec
DEVIATION: 78.065 sec

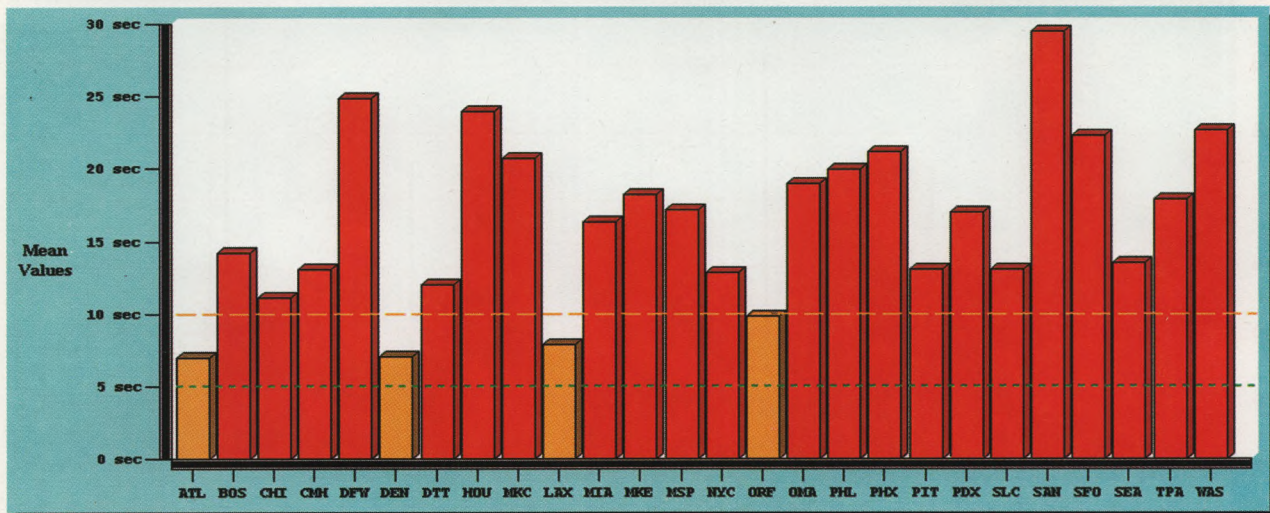




PSINet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 57613

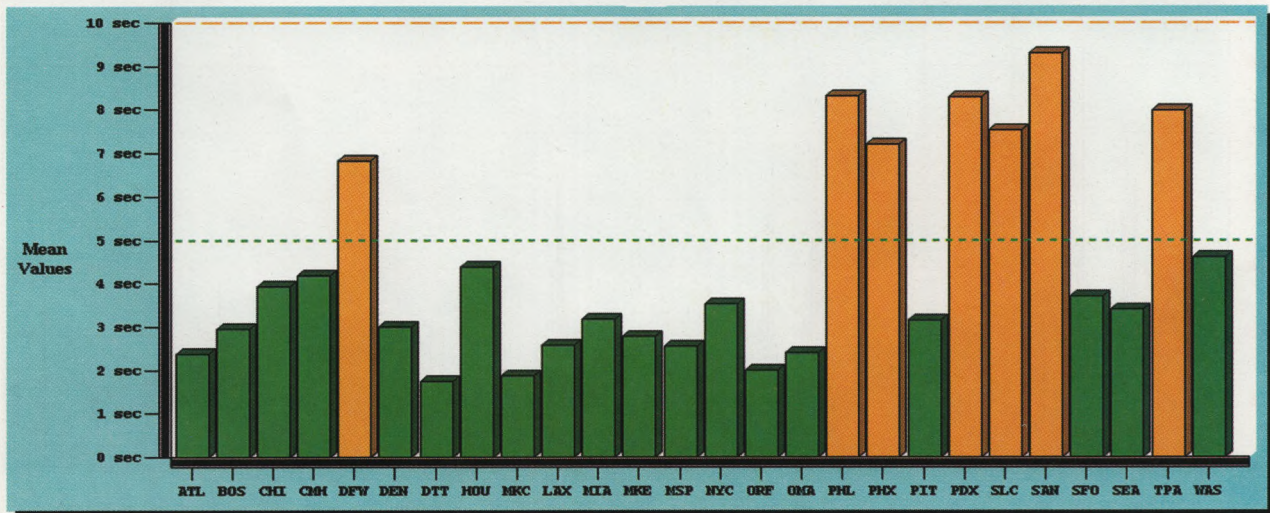
AVERAGE: 15.867 sec
DEVIATION: 88.775 sec



Savvis

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 58066

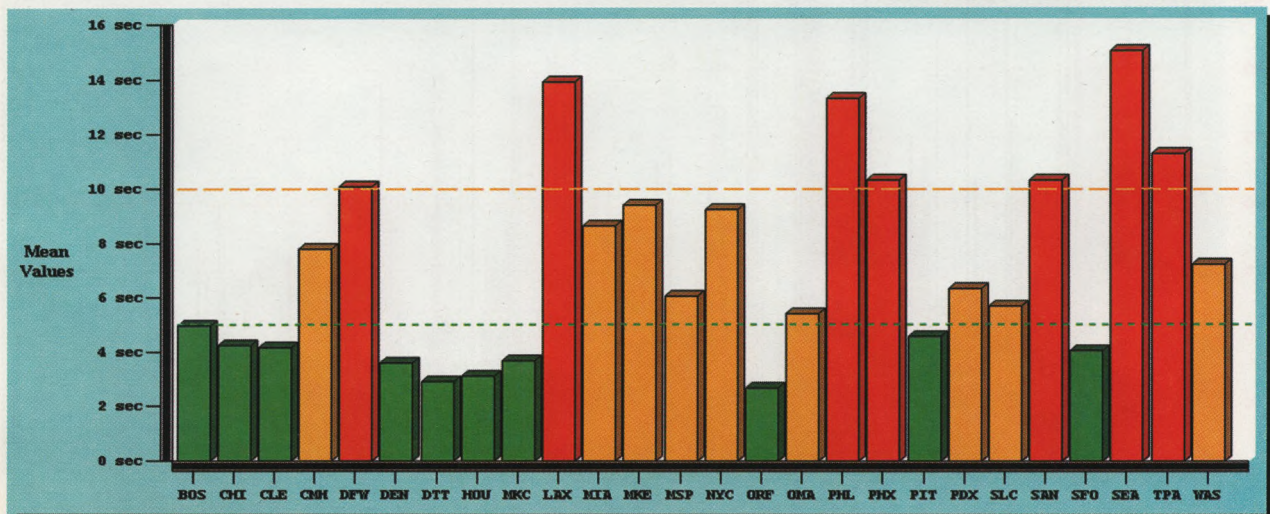
AVERAGE: 4.274 sec
DEVIATION: 13.593 sec

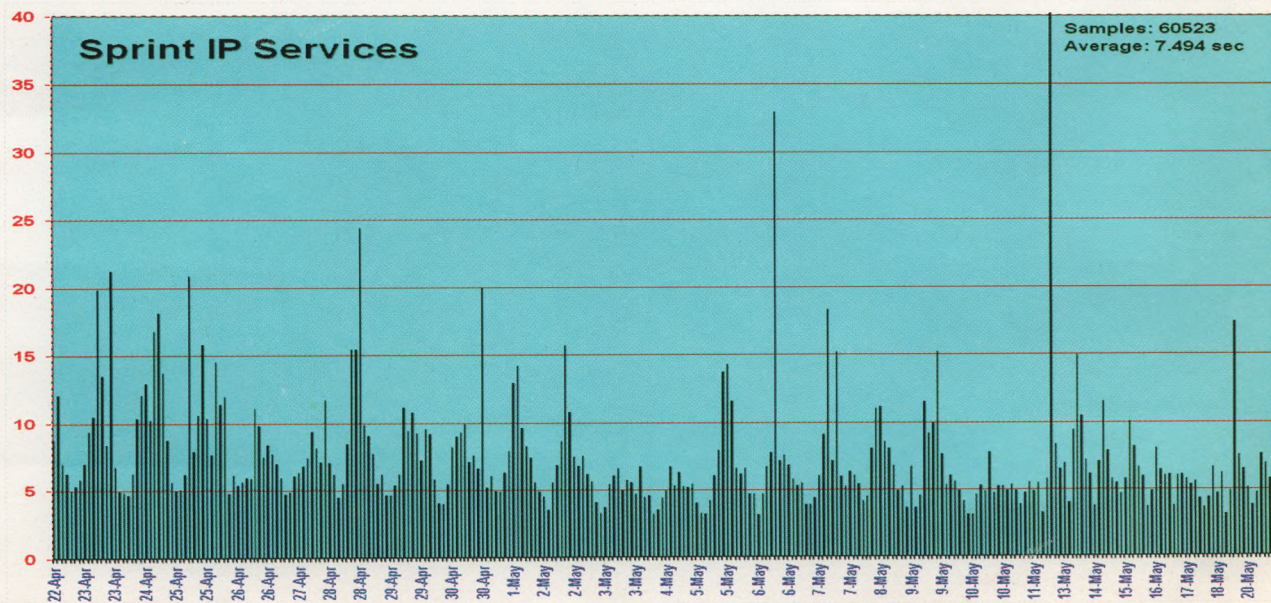
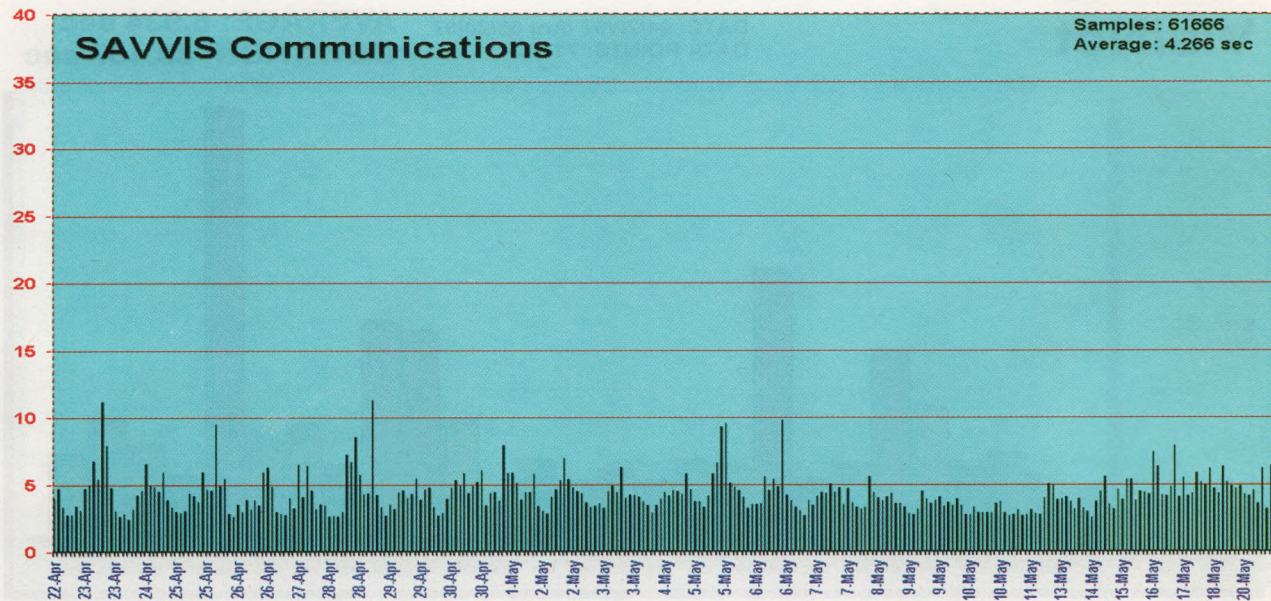
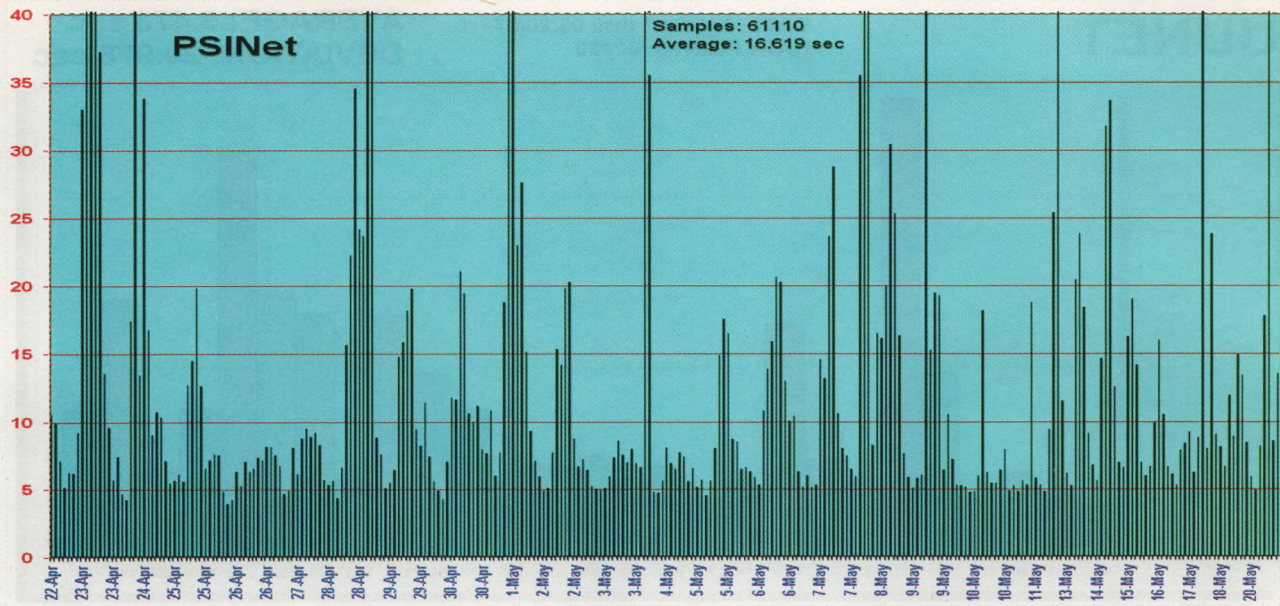


Sprint IP Services

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 57152

AVERAGE: 7.464 sec
DEVIATION: 34.831 sec

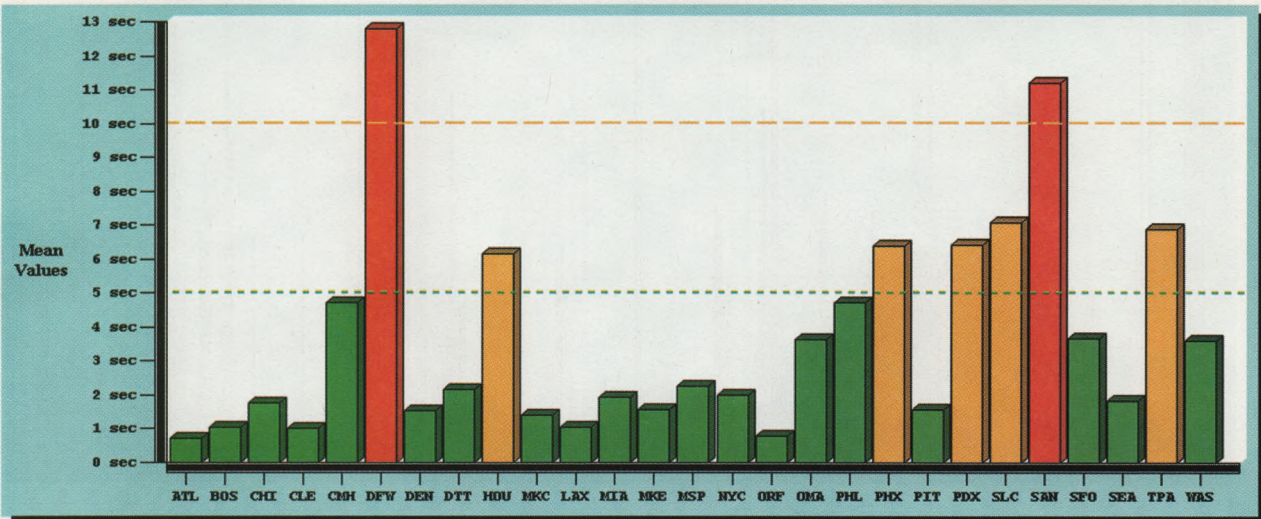




UUNET

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60420

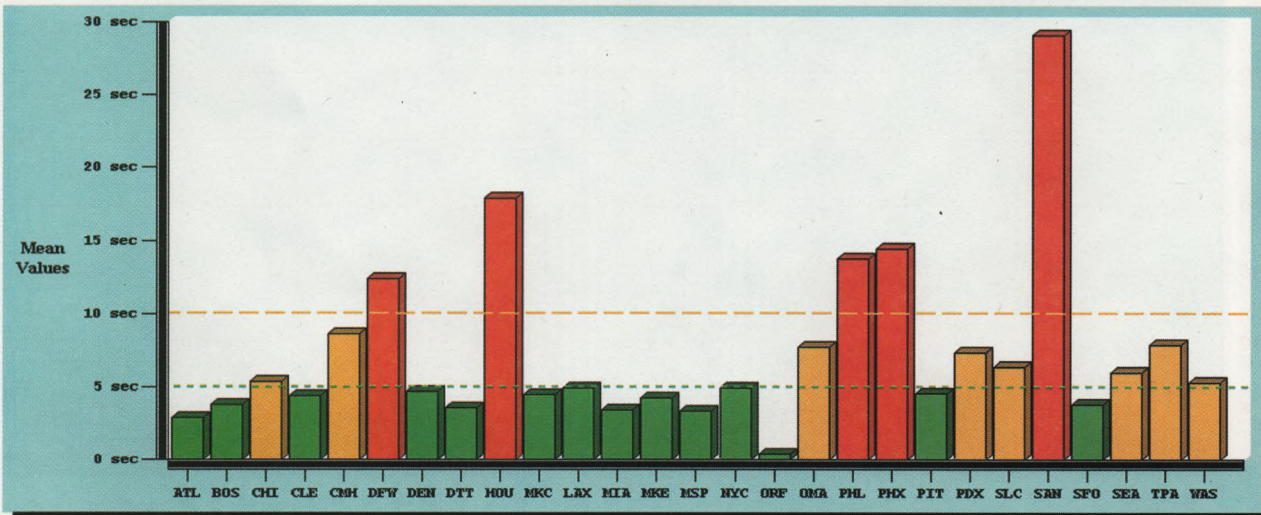
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DEVIATION: 20.978 sec

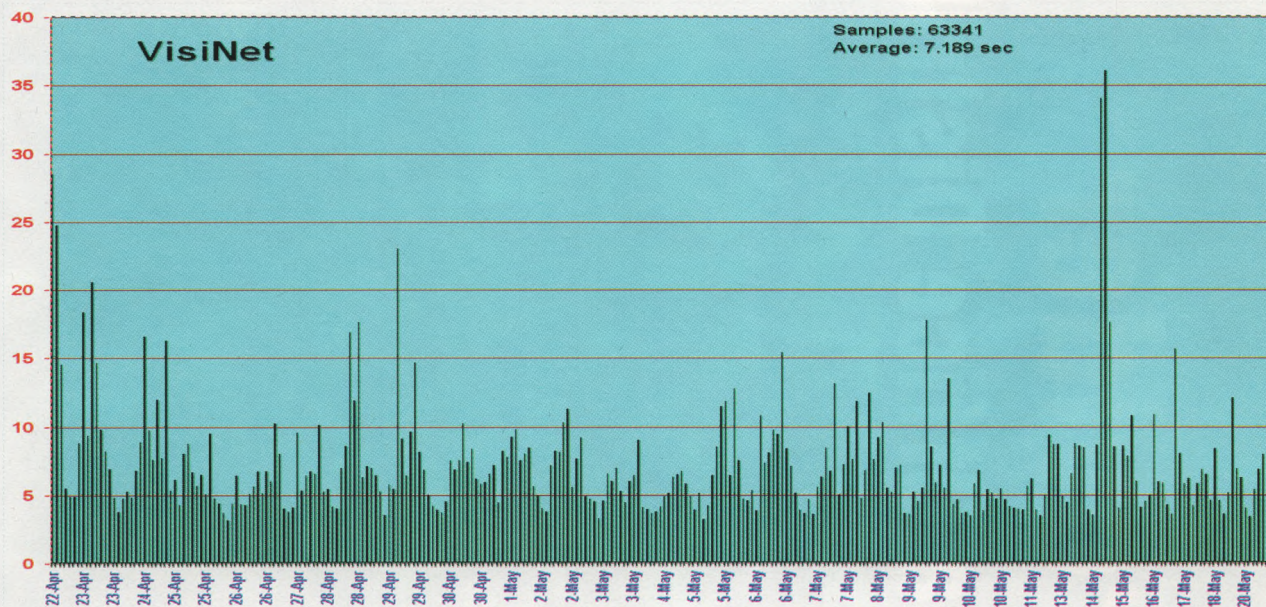
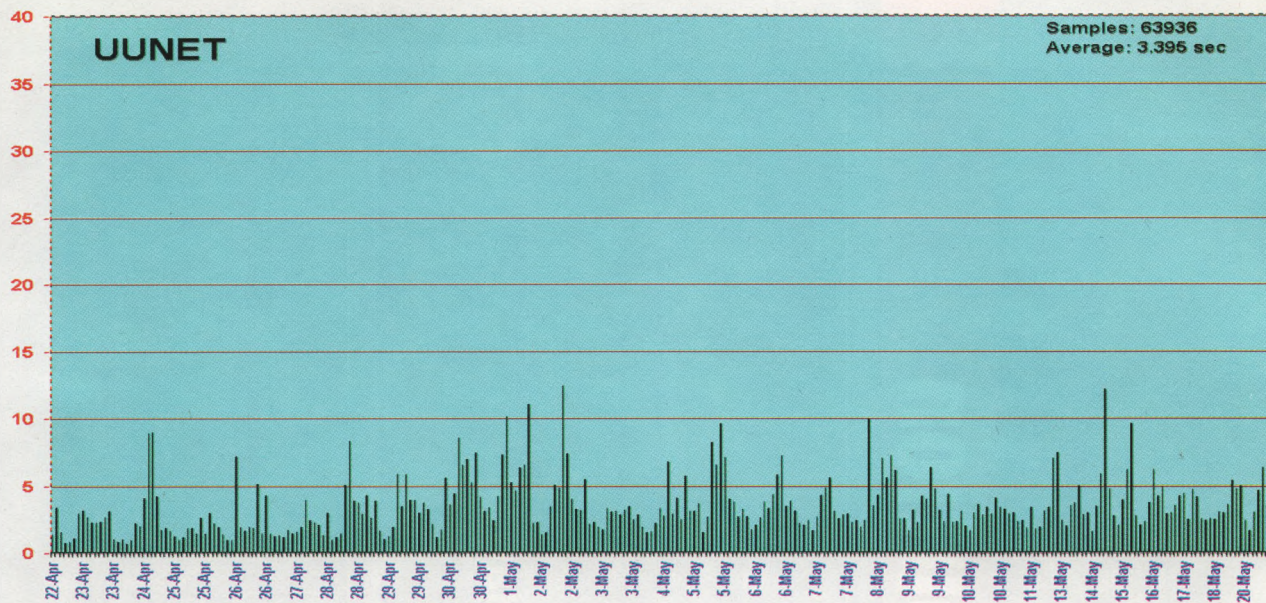


VisiNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 71762

AVERAGE: 6.934 sec
DEVIATION: 33.167 sec

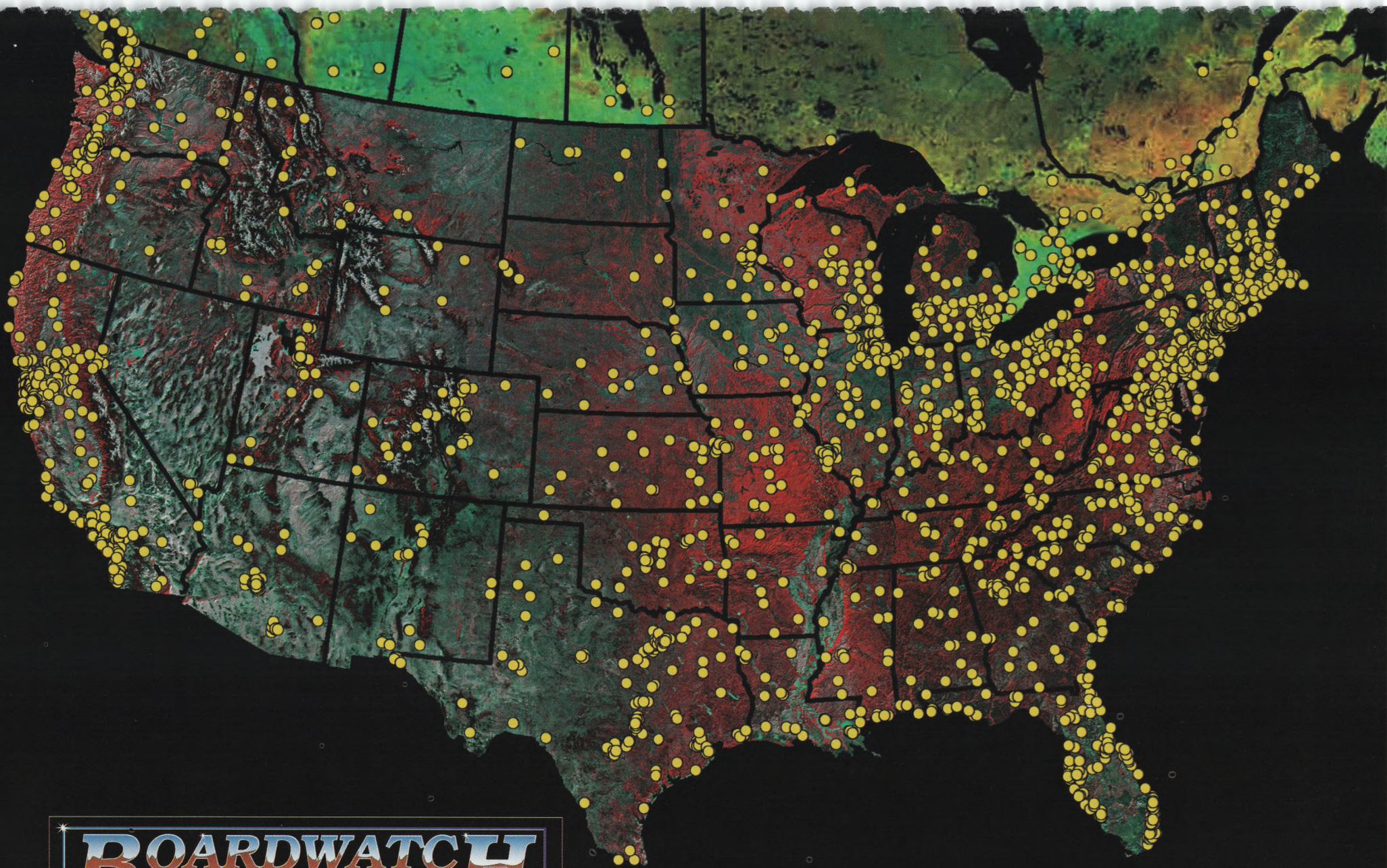




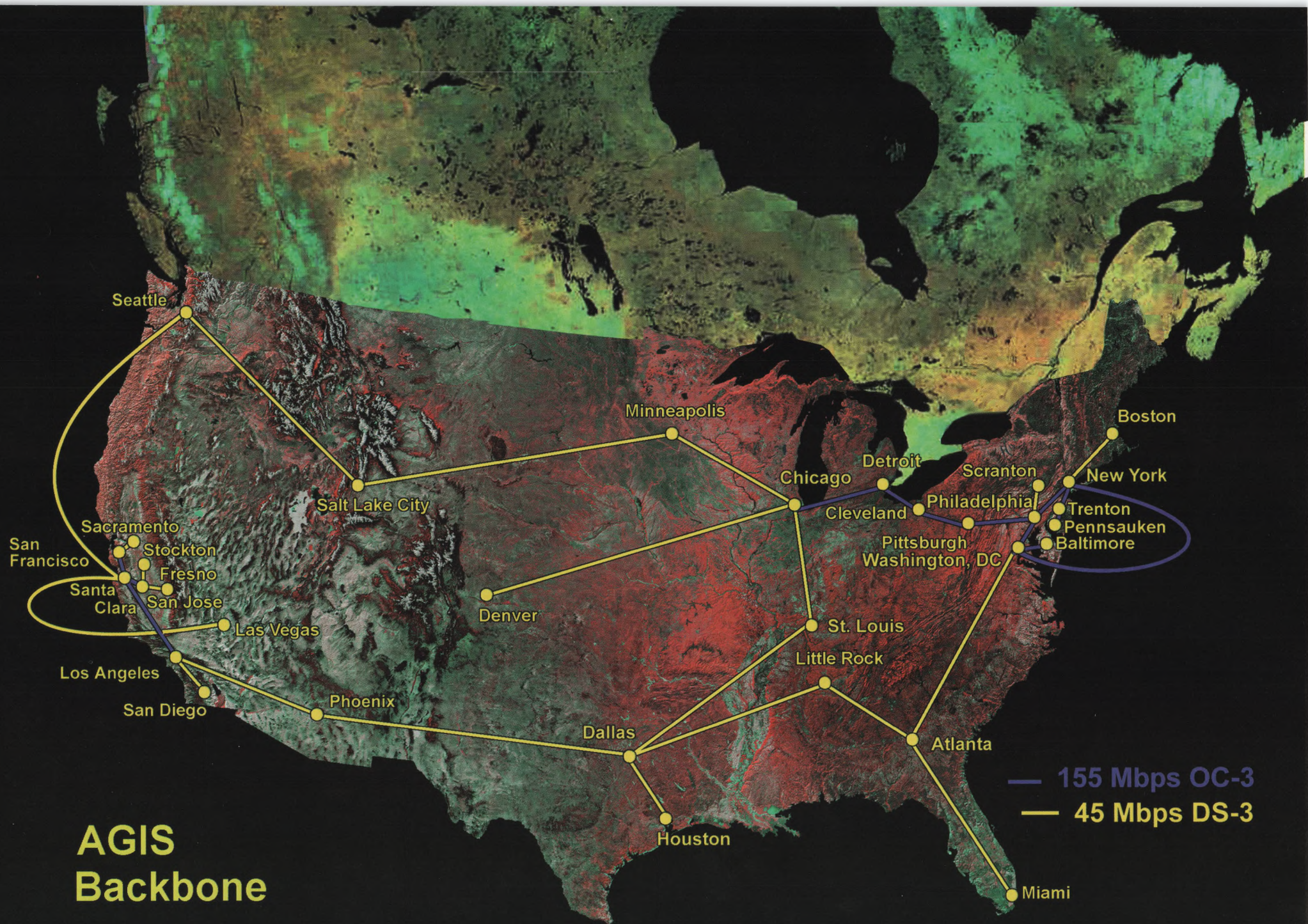
Internet Service Provider

U.S. and Canada Office Distribution





BOARDWATCH
MAGAZINE
Guide to Internet Access and the World Wide Web



**AGIS
Backbone**

AGIS APEX GLOBAL INFORMATION SERVICES

Dearborn, Michigan

HISTORY

Phillip J. Lawlor founded Apex Global Internet Services in 1994 after running a systems integration company, Apex Technologies, for six years. AGIS provides network services to regional Bell operating companies (RBOCs), content providers, large corporations, and local and regional Internet service providers.

AGIS operates a logical fully meshed 45-155 Mbps ATM network. Based in Dearborn, Michigan, the company provides Internet access services through over 200 points of presence. AGIS is the global service provider for Pacific Bell Internet Services of San Francisco and Bell Atlantic Internet Services. The company specializes in providing backbone networking services to other ISPs. The company claims a number of Internet firsts, including deployment of Asynchronous Transfer Mode (ATM) technology, offering of 155 Mbps connections, reduction of points of failure by using switching technologies, a wholesale business model that avoids competition with customers, and providing multiple distribution centers for content replication by offering Coolocation.

AGIS acquired another Internet service provider, Net99, in August 1995. In March 1997, the company announced strategic agreements with ALLTEL, a company that bought a minority ownership interest in AGIS in 1996. ALLTEL provides wired and wireless communications and information services, and ALLTEL's Internet Services unit receives access to the Internet through AGIS' backbone network. ALLTEL will, in turn, offer Internet access to customers in Georgia, North Carolina, South Carolina, Florida, Kentucky, Pennsylvania, Ohio, Alabama and Arkansas, greatly expanding the Internet Services unit's market area. Under terms of a separate agreement, ALLTEL Enterprise Network Services will assist in building AGIS' new network operations center at AGIS headquarters in Dearborn and will also assist in developing AGIS' Coolocation services.

In April, AGIS initiated the formation of an industry wide trade association, the Internet E-Mail Marketing Council (IEMMC), to promote ethical bulk e-mail practices. Bulk e-mailers will be



**Phillip J. Lawlor, founder
and CEO of AGIS**

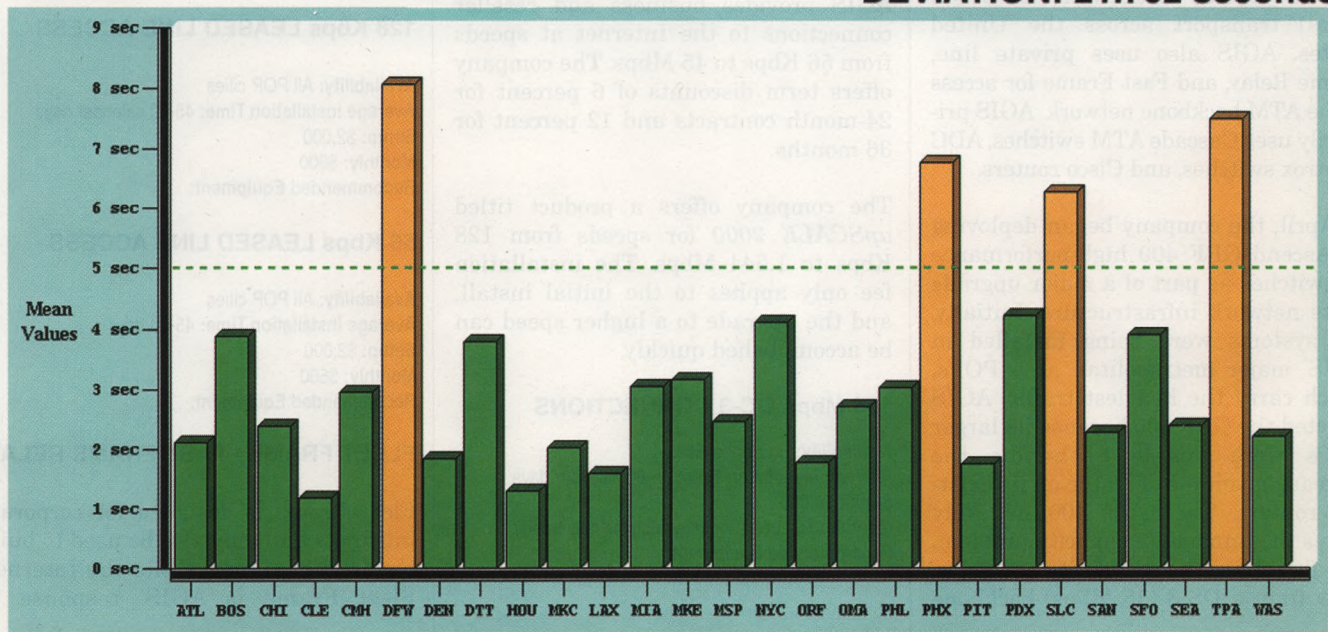


required to join the organization to purchase Internet connections from AGIS. Bulk commercial e-mail, known as *spam*, is a hot topic on the Internet. The company came under fire this spring from anti-spam groups for providing connections for bulk e-mailers, and federal authorities are sup-

AGIS

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59280

AVERAGE: 3.267 seconds
DEVIATION: 21.782 seconds



posed to be investigating a hacker attack on its Washington, DC hub that may be related to the controversy. On May 25, the company asked members of the IEMMC to stop originating all bulk e-mail through the AGIS network until a global remove list and web site are established to register those who do not want commercial e-mail. Under the terms of this agreement, Cyber Promotions, Cybertize E-mail, Integrated Media Promotions, ISG, and Quantum Communications agreed to cease sending unsolicited commercial e-mail through the AGIS network until the IEMMC delivers a working filtration system and acceptable use policies.

COMPANY DESCRIPTION

CEO: Phillip J. Lawlor
Stock Exchange: Privately held
Consumer Subscribers: None
Business Accounts: 300+
Revenues: \$40 million projected for 1997
Earnings: None
Total POPs: 200+
Employees: 50
Office Location: 3601 Pelham Road,
 Dearborn, MI 48124
Voice: (800) 380-2447
Network Operations Center: (313) 730-5151
International: (313) 730-1130
Facsimile: (313) 563-6119
MailTo: info@agis.net
http://www.agis.net

CURRENT BACKBONE ARCHITECTURE

The AGIS backbone is a nationwide 45-155 Mbps network. The backbone uses WorldCom's (formerly Wiltel) ATM service to provide nationwide DS-3 (45 Mbps) transport across the United States. AGIS also uses private line, Frame Relay, and Fast Frame for access to the ATM backbone network. AGIS primarily uses Cascade ATM switches, ADC Kentrox switches, and Cisco routers.

In April, the company began deploying 16 Ascend GRF 400 high-performance IP switches as part of a major upgrade of its network infrastructure. Initially, the systems were being installed in AGIS' major metropolitan area POPs, which carry the heaviest traffic. AGIS selected the GRF 400 because its larger POPs were unable to handle the increasing volume of traffic on its existing routers. The GRF 400 not only solves the immediate capacity problem, but also offers the scalability needed to grow from a DS-3 (45 Mbps) backbone

to an OC-3 (155 Mbps) backbone. The GRF 400 is part of Ascend's family of IP switches that combine switching, route management, and high-speed distributed IP forwarding. The GRF is designed to dedicate 1 Gbps switch bandwidth to each IP forwarding media card, and offers a choice of up to four high-speed media cards including ATM and SONET.

Senior Network Architect
Engineer: Les Addison
MailTo: les@agis.net

BACKBONE CITIES

Atlanta, GA	New York, NY
Baltimore, MD	Pennsauken, NJ
Boston, MA	Philadelphia, PA
Chicago, IL	Phoenix, AZ
Cleveland, OH	Sacramento, CA
Dallas, TX	Salt Lake City, UT
Denver, CO	San Diego, CA
Detroit, MI	San Francisco, CA
Fresno, CA	San Jose, CA
Houston, TX	Santa Clara, CA
Las Vegas, NV	Seattle, WA
Little Rock, AR	St. Louis, MO
Los Angeles, CA	Stockton, CA
Miami, FL	Washington, DC
Minneapolis, MN	

MAJOR PEER INTERCONNECT POINTS

CIX - Palo Alto, CA
 MAE East - Washington, DC
 MAE West - San Jose, CA
 Ameritech Chicago NAP - Chicago, IL
 Pac Bell San Francisco NAP - San Francisco, CA
 Sprint New York NAP - Pennsauken, NJ

BUSINESS PRODUCTS

AGIS provides business and reseller connections to the Internet at speeds from 56 Kbps to 45 Mbps. The company offers term discounts of 6 percent for 24-month contracts and 12 percent for 36 months.

The company offers a product titled *upSCALE 2000* for speeds from 128 Kbps to 1.544 Mbps. The installation fee only applies to the initial install, and the upgrade to a higher speed can be accomplished quickly.

155 Mbps OC-3 CONNECTIONS

Availability: Backbone cities
Average Installation Time: 45-60 calendar days
Setup: \$4,000
Monthly: \$67,000 (Some restrictions may apply)
Recommended Equipment:

45 Mbps T-3 CONNECTIONS

Availability: Backbone cities
Average Installation Time: 45-60 calendar days
Setup: \$4,000
Monthly: \$23,000
Recommended Equipment:

20 Mbps CONNECTIONS

Availability: Backbone cities
Average Installation Time: 45-60 calendar days
Setup: \$4,000
Monthly: \$17,000
Recommended Equipment:

10 Mbps CONNECTIONS

Availability: Backbone cities
Average Installation Time: 45-60 calendar days
Setup: \$4,000
Monthly: \$9,000
Recommended Equipment:

4 Mbps CONNECTIONS

Availability: Backbone cities
Average Installation Time: 45-60 calendar days
Setup: \$4,000
Monthly: \$6,000
Recommended Equipment:

1.544Mbps T-1 LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 45-60 calendar days
Setup: \$2,000
Monthly: \$2,300
Recommended Equipment:

384 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 45-60 calendar days
Setup: \$2,000
Monthly: \$1,500
Recommended Equipment:

128 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 45-60 calendar days
Setup: \$2,000
Monthly: \$900
Recommended Equipment:

56 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 45-60 days
Setup: \$2,000
Monthly: \$500
Recommended Equipment:

FLEET FRAME - FAST FRAME RELAY

Fleet Frame is designed for corporate intranets and may also be used to build bandwidth gateways into the Internet. Fleet Frame is AGIS' response to

CooLocation Internet Connections

SPEED	1 ST LOCATION	2 ND LOCATION	3 RD LOCATION	4 TH + LOCATION
1.544 Mbps	\$ 1,450	\$ 1,088	\$ 725	\$ 363
4 Mbps	\$ 4,000	\$ 3,000	\$ 2,000	\$ 1,000
10 Mbps	\$ 6,500	\$ 4,875	\$ 3,250	\$ 1,625
20 Mbps	\$13,000	\$ 9,750	\$ 6,500	\$ 3,250
45 Mbps	\$19,000	\$14,250	\$ 9,500	\$ 4,750
155 Mbps	\$67,000	\$50,250	\$33,500	\$16,750

increasing bandwidth demand driven by greater customer applications and business data requirements. Businesses with data heavy networks, as opposed to multimedia networks, are the most likely candidates for high speed Frame Relay services.

Availability: All POP cities

Average Installation Time: 45-60 calendar days

Setup Charge: \$4,000

Monthly Charge:

18 Mbps	\$15,570
15 Mbps	\$13,125
12 Mbps	\$10,680
9 Mbps	\$ 8,550
6 Mbps	\$ 7,500

**WEB HOSTING AND
MIRRORED SITES**

AGIS touts its CooLocation product as "The Cure for the World Wide Wait."

CooLocation allows customers to collocate web servers and other networking equipment at multiple mirrored locations with diverse routing across the AGIS backbone. The company plans 20 CooLocation sites by the end of 1997.

AGIS POINTS OF PRESENCE

Hackensack, NJ	201-342-xxxx
Newark, NJ	201-623-xxxx
Washington, DC	202-789-xxxx
Bridgeport, CT	203-330-xxxx
Stamford, CT	203-358-xxxx
Hartford, CT	203-725-xxxx
Danbury, CT	203-730-xxxx
Anniston, AL	205-231-xxxx
Birmingham, AL	205-251-xxxx
Montgomery, AL	205-269-xxxx
Mobile, AL	205-432-xxxx
Huntsville, AL	205-532-xxxx
Seattle, WA	206-621-xxxx
Bangor, ME	207-745-xxxx
Portland, ME	207-772-xxxx
Boise, ID	208-343-xxxx
Coeur D'Alene, ID	208-765-xxxx

Fresno, CA	209-241-xxxx
Stockton, CA	209-464-xxxx
Brownsville, TX	210-405-xxxx
New York, NY	212-406-xxxx
Los Angeles, CA	213-239-xxxx
Compton, CA	213-537-xxxx
Pasadena, CA	213-681-xxxx
Richardson, TX	214-234-xxxx
Longview, TX	214-236-xxxx
Irving, TX	214-438-xxxx
Dallas, TX	214-748-xxxx
Philadelphia, PA	215-561-xxxx
Warren, OH	216-395-xxxx
Akron, OH	216-535-xxxx
Cleveland, OH	216-579-xxxx
Hudson, OH	216-653-xxxx
Youngstown, OH	216-747-xxxx
Lorain, OH	216-984-xxxx
Quincy, IL	217-222-xxxx
Mattoon, IL	217-258-xxxx
Champaign, IL	217-351-xxxx
Decatur, IL	217-454-xxxx
Springfield, IL	217-522-xxxx
Hibbing, MN	218-262-xxxx
Fargo, ND	218-299-xxxx
Grand Rapids, MN	218-326-xxxx
Duluth, MN	218-348-xxxx
Wadena, MN	218-631-xxxx
Brainerd, MN	218-636-xxxx
South Bend, IN	219-234-xxxx
Elkhart, IN	219-262-xxxx
Ft Wayne, IN	219-482-xxxx
Portage, IN	219-763-xxxx
Frederick, MD	301-662-xxxx
Baltimore, MD	301-752-xxxx
Hagerstown, MD	301-790-xxxx
Wilmington, DE	302-571-xxxx
Denver, CO	303-534-xxxx
Morgantown, WV	304-292-xxxx
Charleston, WV	304-342-xxxx
Clarksburg, WV	304-622-xxxx
Miami, FL	305-324-xxxx
Ft Lauderdale, FL	305-486-xxxx

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- Content Distribution via Replication
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 Cheyenne, WY 307-777-xxxx
 Grand Island, NE 308-382-xxxx
 Galesburg, IL 309-377-xxxx
 Bloomington, IL 309-436-xxxx
 Chicago, IL 312-294-xxxx
 Flint, MI 313-232-xxxx
 Pontiac, MI 313-253-xxxx
 Ann Arbor, MI 313-662-xxxx
 Detroit, MI 313-961-xxxx
 St Louis, MO 314-421-xxxx
 Columbia, MO 314-442-xxxx
 Syracuse, NY 315-471-xxxx
 Wichita, KS 316-263-xxxx
 Indianapolis, IN 317-634-xxxx
 Richmond, IN 317-962-xxxx
 Lafayette, LA 318-234-xxxx
 Shreveport, LA 318-425-xxxx
 Lake Charles, LA 318-439-xxxx
 Waterloo, IA 319-234-xxxx
 Davenport, IA 319-323-xxxx
 Iowa City, IA 319-351-xxxx
 Cedar Rapids, IA 319-366-xxxx
 Dubuque, IA 319-556-xxxx
 Providence, RI 401-224-xxxx
 Omaha, NE 402-341-xxxx
 Lincoln, NE 402-475-xxxx
 Norcross, GA 404-242-xxxx
 Hartwell, GA 404-376-xxxx
 Smyrna, GA 404-435-xxxx
 Atlanta, GA 404-659-xxxx
 Augusta, GA 404-724-xxxx
 Oklahoma City, OK 405-239-xxxx
 Billings, MT 406-256-xxxx
 Helena, MT 406-442-xxxx
 Stuart, FL 407-286-xxxx
 Boca Raton, FL 407-393-xxxx
 Ft Pierce, FL 407-461-xxxx
 Vero Beach, FL 407-569-xxxx
 Cocoa Beach, FL 407-639-xxxx
 Melbourne, FL 407-768-xxxx
 West Palm Beach, FL 407-833-xxxx
 Orlando, FL 407-849-xxxx
 Salinas, CA 408-424-xxxx
 Santa Clara, CA 408-970-xxxx
 Bryan, TX 409-775-xxxx
 Beaumont, TX 409-839-xxxx
 Salisbury, MD 410-546-xxxx
 Pittsburgh, PA 412-261-xxxx
 Springfield, MA 413-737-xxxx
 Oshkosh, WI 414-231-xxxx
 Milwaukee, WI 414-273-xxxx
 Green Bay, WI 414-494-xxxx
 Appleton, WI 414-730-xxxx
 San Francisco, CA 415-243-xxxx
 Palo Alto, CA 415-321-xxxx
 Oakland, CA 415-763-xxxx
 Joplin, MO 417-623-xxxx
 Springfield, MO 417-831-xxxx
 Lima, OH 419-222-xxxx
 Toledo, OH 419-241-xxxx
 Fostoria, OH 419-435-xxxx
 Milan, OH 419-499-xxxx
 Mansfield, OH 419-522-xxxx
 Little Rock, AR 501-372-xxxx
 Fayetteville, AR 501-442-xxxx
 Pine Bluff, AR 501-534-xxxx
 Ft. Smith, AR 501-782-xxxx
 Louisville, KY 502-561-xxxx
 Rogers, AR 502-631-xxxx
 Owensboro, KY 502-683-xxxx
 Bowling Green, KY 502-745-xxxx
 Portland, OR 503-228-xxxx
 Eugene, OR 503-484-xxxx
 Corvallis, OR 503-758-xxxx
 Medford, OR 503-779-xxxx
 Baton Rouge, LA 504-334-xxxx
 Albuquerque, NM 505-247-xxxx
 Rochester, MN 507-288-xxxx
 Winona, MN 507-452-xxxx
 Framingham, MA 508-370-xxxx
 Lawrence, MA 508-451-xxxx
 Yakima, WA 509-453-xxxx
 Spokane, WA 509-747-xxxx
 San Antonio, TX 512-225-xxxx
 Harlingen, TX 512-421-xxxx
 Austin, TX 512-475-xxxx

McAllen, TX 512-687-xxxx
 Corpus Christi, TX 512-887-xxxx
 Dayton, OH 513-223-xxxx
 Springfield, OH 513-325-xxxx
 Cincinnati, OH 513-721-xxxx
 Des Moines, IA 515-243-xxxx
 Ft. Dodge, IA 515-955-xxxx
 Garden City, NY 516-222-xxxx
 Lansing, MI 517-371-xxxx
 Midland, MI 517-631-xxxx
 Bay City, MI 517-667-xxxx
 Saginaw, MI 517-771-xxxx
 Jackson, MI 517-783-xxxx
 Albany, NY 518-449-xxxx
 New Orleans, LA 524-508-xxxx
 Jackson, MS 601-352-xxxx
 Gulfport, MS 601-863-xxxx
 Phoenix, AZ 602-266-xxxx
 Tucson, AZ 602-617-xxxx
 Manchester, NH 603-669-xxxx
 Nashua, NH 603-880-xxxx
 Sioux Falls, SD 605-331-xxxx
 Lexington, KY 606-258-xxxx
 Binghamton, NY 607-722-xxxx
 Elmira, NY 607-732-xxxx
 Corning, NY 607-936-xxxx
 Madison, WI 608-251-xxxx
 Janesville, WI 608-752-xxxx
 La Crosse, WI 608-782-xxxx
 Pleasantville, NJ 609-383-xxxx
 Mercerville, NJ 609-890-xxxx
 St. Cloud, MN 612-251-xxxx
 Monticello, MN 612-295-xxxx
 Minneapolis, MN 612-332-xxxx
 Columbus, OH 614-222-xxxx
 Nashville, TN 615-256-xxxx
 Johnson City, TN 615-282-xxxx
 Knoxville, TN 615-524-xxxx
 Chattanooga, TN 615-756-xxxx
 Grand Rapids, MI 616-241-xxxx
 Kalamazoo, MI 616-385-xxxx
 Battle Creek, MI 616-962-xxxx
 Boston, MA 617-267-xxxx
 Carbondale, IL 618-453-xxxx
 Lawrenceville, IL 618-943-xxxx
 San Diego, CA 619-293-xxxx
 Palm Springs, CA 619-325-xxxx
 Bismark, ND 701-222-xxxx
 Las Vegas, NV 702-388-xxxx
 Reno, NV 702-786-xxxx
 Roanoke, VA 703-342-xxxx
 Reston, VA 703-391-xxxx
 Harrisonburg, VA 703-433-xxxx
 Falls Church, VA 703-536-xxxx
 Centerville, VA 703-631-xxxx
 Culpepper, VA 703-825-xxxx
 Troutville, VA 703-992-xxxx
 Lexington, NC 704-242-xxxx
 Asheville, NC 704-251-xxxx
 Charlotte, NC 704-377-xxxx
 Salisbury, NC 704-633-xxxx
 Concord, NC 704-782-xxxx
 Hinsdale, IL 708-323-xxxx
 Northbrook, IL 708-480-xxxx
 Sioux City, IA 712-255-xxxx
 Storm Lake, IA 712-732-xxxx
 Westheimer, TX 713-235-xxxx
 Dairy Ashford, TX 713-293-xxxx
 Greenspoint, TX 713-423-xxxx
 Houston, TX 713-652-xxxx
 Anaheim, CA 714-490-xxxx
 Santa Ana, CA 714-667-xxxx
 Rialto, CA 714-820-xxxx
 Ontario, CA 714-983-xxxx
 Eau Claire, WI 715-832-xxxx
 Rochester, NY 716-262-xxxx
 Buffalo, NY 716-847-xxxx
 Harrisburg, PA 717-233-xxxx
 Scranton, PA 717-341-xxxx
 Hallstead, PA 717-879-xxxx
 Colo. Springs, CO 719-577-xxxx
 Salt Lake City, UT 801-596-xxxx
 Greenville, SC 803-235-xxxx
 Rock Hill, SC 803-324-xxxx
 Myrtle Beach, SC 803-448-xxxx
 Spartanburg, SC 803-542-xxxx
 Florence, SC 803-665-xxxx

Charleston, SC 803-722-xxxx
 Columbia, SC 803-799-xxxx
 Richmond, VA 804-233-xxxx
 Charlottesville, VA 804-295-xxxx
 Lynchburg, VA 804-522-xxxx
 Norfolk, VA 804-625-xxxx
 Danville, VA 804-793-xxxx
 Hampton, VA 804-838-xxxx
 Bakersfield, CA 805-327-xxxx
 Santa Barbara, CA 805-965-xxxx
 Amarillo, TX 806-373-xxxx
 Lubbock, TX 806-762-xxxx
 Terra Haute, IN 812-231-xxxx
 Bloomington, IN 812-332-xxxx
 Evansville, IN 812-423-xxxx
 Tampa, FL 813-248-xxxx
 Ft. Meyers, FL 813-337-xxxx
 Feathersound, FL 813-556-xxxx
 Lakeland, FL 813-666-xxxx
 Sarasota, FL 813-951-xxxx
 Erie, PA 814-455-xxxx
 Altoona, PA 814-942-xxxx
 Dekalb, IL 815-753-xxxx
 Rockford, IL 815-963-xxxx
 Kansas City, MO 816-283-xxxx
 Ft. Worth, TX 817-332-xxxx
 Waco, TX 817-755-xxxx
 Wichita Falls, TX 817-766-xxxx
 Sherman Oaks, CA 818-906-xxxx
 Memphis, TN 901-579-xxxx
 Tallahassee, FL 904-222-xxxx
 Daytona Beach, FL 904-258-xxxx
 Lynn Haven, FL 904-265-xxxx
 Jacksonville, FL 904-355-xxxx
 Gainesville, FL 904-375-xxxx
 Pensacola, FL 904-455-xxxx
 Panama City, FL 904-522-xxxx
 St. Augustine, FL 904-829-xxxx
 Ft. Walton, FL 904-897-xxxx
 Iron Mountain, MI 906-774-xxxx
 Savannah, GA 912-234-xxxx
 Albany, GA 912-431-xxxx
 Macon, GA 912-474-xxxx
 Topeka, KS 913-232-xxxx
 Poughkeepsie, NY 914-485-xxxx
 White Plains, NY 914-683-xxxx
 Midland, TX 915-221-xxxx
 El Paso, TX 915-533-xxxx
 San Angelo, TX 915-658-xxxx
 Abilene, TX 915-675-xxxx
 Redding, CA 916-241-xxxx
 Chico, CA 916-343-xxxx
 Sacramento, CA 916-444-xxxx
 Tulsa, OK 918-587-xxxx
 Burlington, NC 919-222-xxxx
 Wilmington, NC 919-251-xxxx
 Laurinburg, NC 919-276-xxxx
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 Greensboro, NC 919-378-xxxx
 Rocky Mount, NC 919-442-xxxx
 Fayetteville, NC 919-485-xxxx
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 Sanford, NC 919-774-xxxx
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FUTURE EXPANSION PLANS

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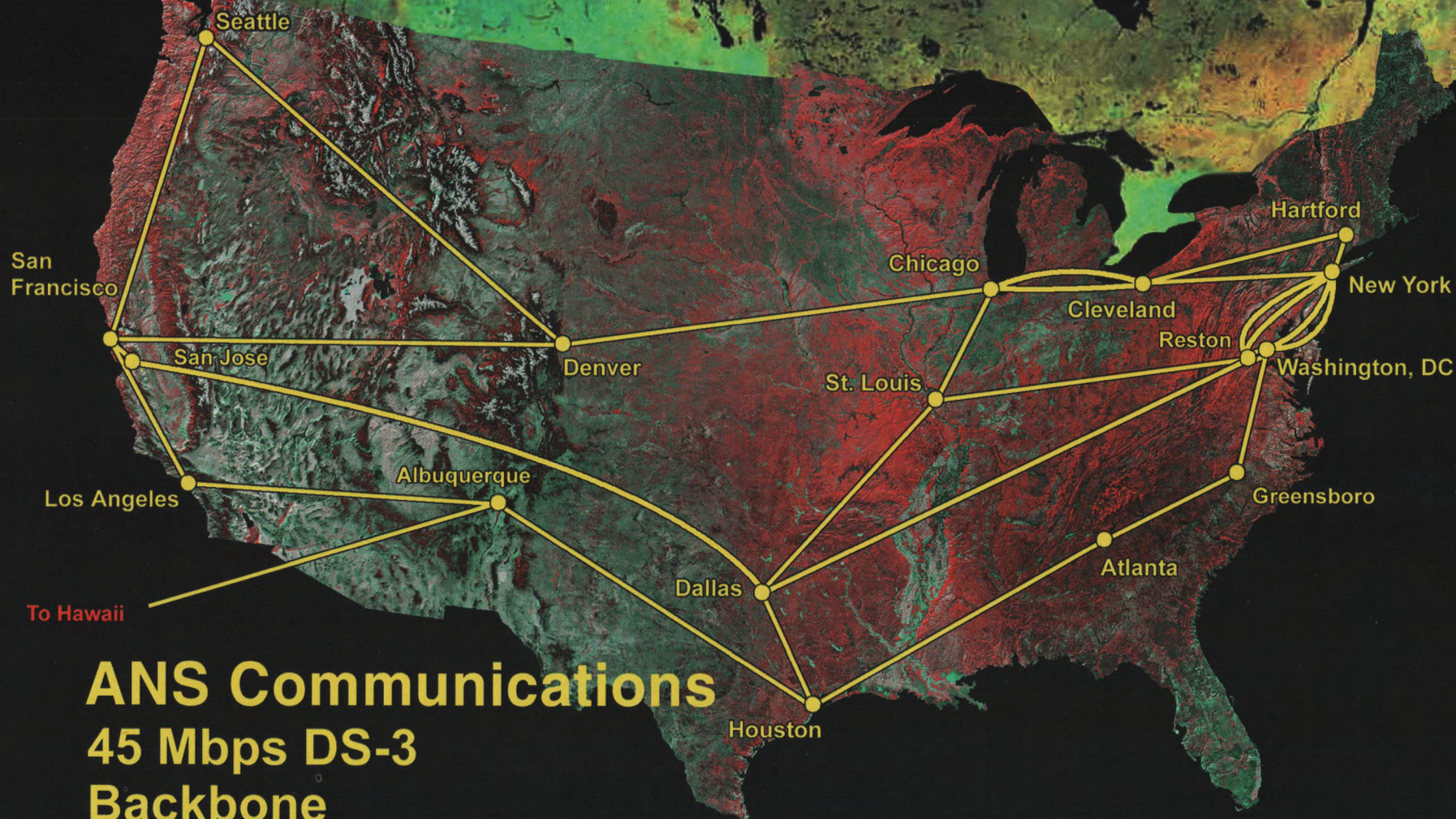


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ANS Communications
45 Mbps DS-3
Backbone

ANS COMMUNICATIONS, Inc.

Purchase, New York

HISTORY

ANS Communications, Inc. (ANS) is a wholly owned subsidiary of America Online, Inc. (AOL). ANS is a leading provider to AOLnet, which provides Internet access to approximately eight million subscribers worldwide. ANS provides a broad range of fully-managed, wide-area products that includes intranets, Virtual Private Data Networks (VPDN), dial access, security, web hosting and Internet access.

IBM, MCI and Merit, a consortium of Michigan universities, established Advanced Network & Services, Inc. — the former parent company of ANS — as a not-for-profit company in 1990. Its mission was to advance high-speed networking technology and use. In 1994, Northern Telecom also became a member. As the principal architect of the National Science Foundation Backbone Network Service, ANS developed proprietary expertise in the design, development and deployment of large-scale, high-performance, wide area data networks.

Company founders recognized that the acceptance and adoption of this new

technology by the business community would be critical to the overall success of the Internet. They established ANS CO+RE Systems, Inc. in June 1991 to target the special networking and security needs of the business community. ANS' nationwide backbone enabled large segments of the Internet to carry commercial traffic. During the next four years, use of the Internet by commercial organizations skyrocketed.

In 1995, America Online acquired the assets of ANS CO+RE Systems, Inc. As the nation's fastest growing provider of online services, AOL was impressed with the success ANS had in deploying and operating large scale, private networks and sought to use ANS' networking resources to better serve its rapidly growing customer base. The marriage of daytime business customers to night and weekend users would also maximize the efficient use of the ANS T-3 network. The company changed its name to ANS Communications in late 1996.

COMPANY DESCRIPTION

CEO: Bruce R. Bond
NYSE: AOL (subsidiary)
Consumer Subscribers: 8 million (AOL)
Business Accounts: 400+

Revenues: \$456 million (AOL third quarter 1996)

Earnings: \$2.6 million (AOL third quarter 1996)

Total POPs: 175+

Total Dial-up Ports: 100,000+

Employees: 300+

Street Mailing Address:

100 Manhattanville Road,
 Purchase, NY 10577

Voice: (800) 456-8267

International: (703) 758-7724

Facsimile: (914) 789-5410

MailTo: info@ans.net

http://www.ans.net

CURRENT BACKBONE ARCHITECTURE

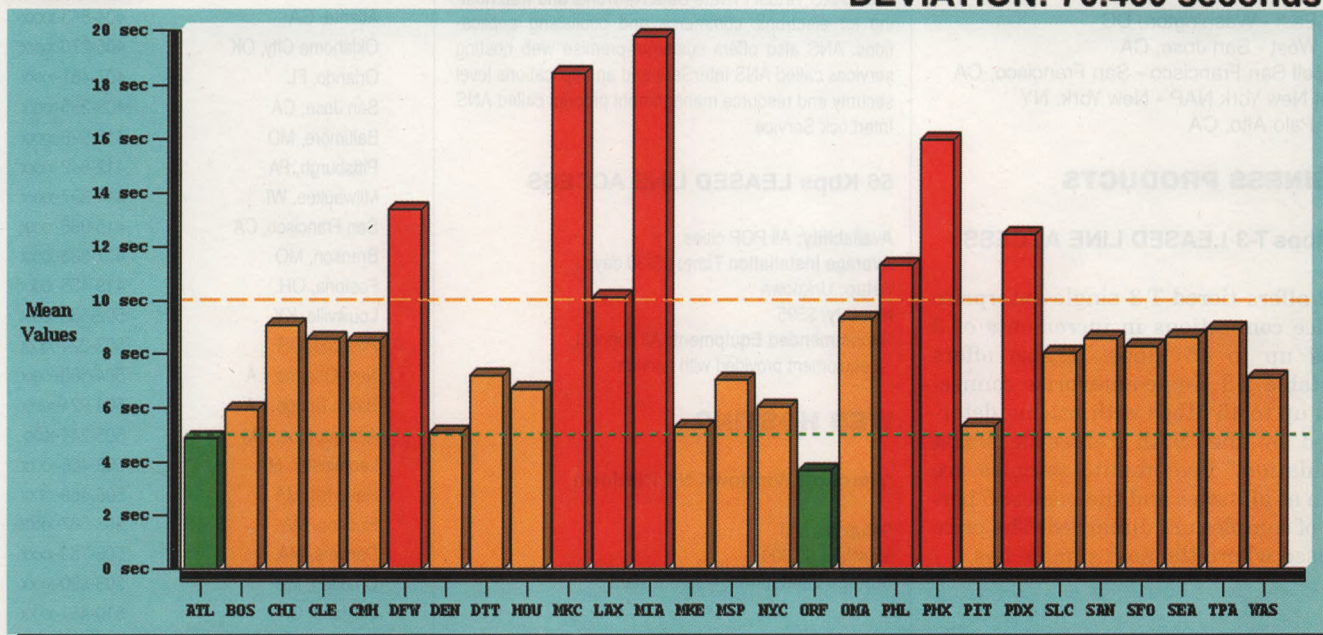
The ANS backbone network is a mesh of DS-3 45 Mbps circuits which interconnect 18 transit node POPs. Each node is connected by two or more diverse DS-3 circuits. Backbone routers within the ANS network are Bay Networks' BCN routers. Switches used within the ANS backbone network are OnStream BMX-45N bandwidth managers. Each transit node site is located within a secured carrier-grade facility.

Company officials say the physical design and routing architecture of the ANS backbone maximizes diversity and

ANS

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 57967

AVERAGE: 8.997 seconds
 DEVIATION: 70.469 seconds



reliability. As such, each node is protected against a single component failure which would isolate that site.

Senior Network Architect
Engineer: Robert Lehman
MailTo: rcl@ans.net

BACKBONE CITIES

The following cities are directly connected by the ANSnet 45 Mbps T-3 backbone.

Albuquerque, NM
 Atlanta, GA
 Chicago, IL
 Cleveland, OH
 Dallas, TX
 Denver, CO
 Greensboro, NC
 Hartford, CT
 Honolulu, HI
 Houston, TX
 Los Angeles, CA
 New York, NY (two sites)
 Reston, VA
 San Francisco, CA
 San Jose, CA
 Seattle, WA
 St Louis, MO
 Washington, DC

INTERNATIONAL BACKBONE CITIES

London, UK
 Montreal, Canada
 Paris, France
 Tokyo, Japan
 Toronto, Ontario
 Vancouver, British Columbia

MAJOR PEER INTERCONNECT POINTS

MAE East - Washington, DC
 MAE West - San Jose, CA
 Pac Bell San Francisco - San Francisco, CA
 Sprint New York NAP - New York, NY
 CIX - Palo Alto, CA

BUSINESS PRODUCTS

45 Mbps T-3 LEASED LINE ACCESS

ANS offers tiered T-3 single-enterprise service connections in increments of 3 Mbps up to 45 Mbps. It also offers burstable T-3 single-enterprise connections up to 45 Mbps with pricing determined by the "95th Percentile Burst Calculation." Five-minute samples are taken at all times and the busiest 5 percent of samples are discarded. The price is based where the next sample lies.

Availability: All backbone cities
Average Installation Time: Unknown
Setup: \$5,000
Tiered monthly: Starts at \$5,000
Burstable monthly: Starts at \$7,500
Recommended Equipment: (Customer premise equipment is additional)
 Cisco 7010 router
 Cisco 64 MB route processor
 Cisco HSSI interface processor
 Cisco HSSI cable
 Cisco FDDI interface processor
 Larsecom T-3 CSU/DSU
 OOB modems and cables

1.544 Mbps T-1 LEASED LINE ACCESS

ANS offers three types of T-1 service: flat rate, tiered and burstable. Tiered T-1 service connection allows for better bandwidth flexibility. Burstable T-1 service connection allows customers to burst up to T-1 at any time, with pricing determined by the "95th Percentile Burst Calculation." (See above.)

Availability: All POP cities
Average Install Time: 25-30 days
Setup: Unknown
Flat rate monthly: \$2,000
Tiered monthly:

128K	\$1,150
256K	\$1,500
384K	\$1,750
512K	\$1,875

Burstable monthly:

0-128K	\$1,250
129-256K	\$1,600
257-384K	\$1,950
385-512K	\$2,300
512K+	\$2,650

Recommended Equipment: All equipment provided with service.

Other Services: ANS Enterprise Networking Solutions include intranet services, ANS Sure Remote dial access, ANS Virtual Private Data Networks and web hosting for electronic commerce and publishing applications. ANS also offers customer-premise web hosting services called ANS InterServ and an applications level security and resource management product called ANS InterLock Service.

56 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 25-30 days
Setup: Unknown
Monthly: \$595
Recommended Equipment: All connect equipment provided with service

WEB HOSTING

Microsoft Windows NT Platform

Setup: \$2,500
Monthly: \$2,000
Storage Limitations: 4GB standard

UNIX Platform

Setup: \$5,000
Monthly: starts at \$2,500
Storage Limitations: 2GB standard

POINTS OF PRESENCE

Newark, NJ	201-243-xxxx
Whippany, NJ	201-515-xxxx
Cresskill, NJ	201-567-xxxx
Washington, DC	202-466-xxxx
Washington, DC	202-829-xxxx
Stamford, CT	203-316-xxxx
Hartford, CT	203-541-xxxx
Danbury, CT	203-730-xxxx
Birmingham, AL	205-328-xxxx
Seattle, WA	206-812-xxxx
San Antonio, TX	210-224-xxxx
New York City, NY	212-376-xxxx
Los Angeles, CA	213-627-xxxx
Dallas, TX	214-220-xxxx
Irving, TX	214-554-xxxx
Philadelphia, PA	215-413-xxxx
Cleveland, OH	216-230-xxxx
Akron, OH	216-434-xxxx
Fort Wayne, IN	219-439-xxxx
Wilmington, DE	302-777-xxxx
Denver, CO	303-360-xxxx
Miami, FL	305-621-xxxx
Bloomington, IL	309-823-xxxx
Dominguez Hills, CA	310-604-xxxx
Chicago, IL	312-705-xxxx
St. Louis, MO	314-991-xxxx
Syracuse, NY	315-442-xxxx
Wichita, KS	316-265-xxxx
Indianapolis, IN	317-681-xxxx
Shreveport-Bossier City, LA	318-221-xxxx
Davenport, IA	319-322-xxxx
Cedar Rapids, IA	319-362-xxxx
Providence, RI	401-553-xxxx
Omaha, NE	402-573-xxxx
Atlanta, GA	404-843-xxxx
Oklahoma City, OK	405-270-xxxx
Orlando, FL	407-481-xxxx
San Jose, CA	408-280-xxxx
Baltimore, MD	410-528-xxxx
Pittsburgh, PA	412-642-xxxx
Milwaukee, WI	414-297-xxxx
San Francisco, CA	415-986-xxxx
Branson, MO	417-335-xxxx
Fostoria, OH	419-435-xxxx
Louisville, KY	502-583-xxxx
Portland, OR	503-224-xxxx
New Orleans, LA	504-588-xxxx
Baton Rouge, LA	504-924-xxxx
Albuquerque, NM	505-244-xxxx
Leominster, MA	508-466-xxxx
Haverhill, MA	508-469-xxxx
Hudson, MA	508-567-xxxx
Danvers, MA	508-739-xxxx
Charlton, MA	508-890-xxxx
Oakland, CA	510-451-xxxx

Hayward, CA	510-732-xxxx
Dayton, OH	513-640-xxxx
Des Moines, IA	515-282-xxxx
Garden City, KS	516-393-xxxx
Lansing, MI	517-346-xxxx
Albany, NY	518-388-xxxx
Jackson, MS	601-354-xxxx
Gulfport, MS	601-864-xxxx
Phoenix, AZ	602-241-xxxx
Tucson, AZ	602-740-xxxx
Lexington, KY	606-243-xxxx
Princeton, NJ	609-514-xxxx
Pottstown, PA	610-970-xxxx
Minneapolis, MN	612-339-xxxx
Columbus, OH	614-463-xxxx
Nashville, TN	615-254-xxxx
Knoxville, TN	615-595-xxxx
Grand Rapids-Holland, MI	616-451-xxxx
Norwood, MA	617-440-xxxx
Lexington, MA	617-676-xxxx
Boston, MA	617-692-xxxx
Braintree, MA	617-794-xxxx
Sacramento, CA	619-492-xxxx
Reno, NV	702-348-xxxx
Las Vegas, NV	702-457-xxxx
Reston, VA	703-264-xxxx
Roanoke, VA	703-342-xxxx
Vienna, VA	703-506-xxxx
Charlotte, NC	704-344-xxxx
Dupage-Downers Grove, IL	708-241-xxxx
Cook-Skokie, IL	708-982-xxxx
Sioux City, IA	712-233-xxxx
Houston, TX	713-224-xxxx
Anaheim, CA	714-663-xxxx
Rochester, NY	716-756-xxxx
Buffalo, NY	716-843-xxxx
Bronx, NY	718-210-xxxx
Kings, NY	718-210-xxxx
Queens, NY	718-210-xxxx
Ogden, UT	801-392-xxxx
Salt Lake City, UT	801-595-xxxx
Richmond, VA	804-346-xxxx
Norfolk, VA	804-533-xxxx
Lubbock, TX	806-741-xxxx
Honolulu, HI	808-537-xxxx
Southfield, MI	810-204-xxxx
Tampa, FL	813-874-xxxx
Kansas City, MO	816-254-xxxx
Waco, TX	817-753-xxxx
Sherman Oaks, CA	818-783-xxxx
Memphis, TN	901-452-xxxx
League City/Galveston, TX	903-753-xxxx
Jacksonville, FL	904-366-xxxx
New Brunswick, NJ	908-249-xxxx
Bloomington, CA	909-421-xxxx
Topeka, KS	913-354-xxxx
Rockland/Hillburn, NY	914-369-xxxx
Elmsford, NY	914-789-xxxx
Richmond, CA	916-371-xxxx
Broken Arrow/Tulsa, OK	918-355-xxxx
Raleigh, NC	919-876-xxxx
Fort Lauderdale, FL	954-832-xxxx

FUTURE EXPANSION PLANS

In October of last year, America Online was one of the first companies to support 56 technology from US Robotics. In April, AOL announced plans to equally support a rival technology provided by Rockwell and Lucent Technologies. US Robotics and Rockwell/Lucent have brought incompatible 56 Kbps modems to market under the names *x2* and *K56flex*, respectively. To keep customers, some online and Internet access providers plan to offer different dial-in phone numbers for different 56K modems.

The cost of developing two separate 56K systems may seem like an added burden to AOL, which is committed to a \$700 million system upgrade. The company says, however, the cost of deploying both 56K standards will be low because the existing network uses Rockwell and US Robotics technologies. Ascend Communications will provide AOL with the necessary central networking equipment for K56flex connectivity. Internal testing was to be completed by June with field trials in various cities following. The new high-speed service will also enhance a new version, 4.0, of AOL's software which was expected as a beta early this summer.

The Japanese version of America Online, AOL Japan, opened April 15. Chairman Steve Case, in Tokyo to launch the new service, said he plans to make Japan the company's second largest market, after the U.S. AOL Japan is a joint venture between America Online Inc., which holds 50-percent, Nihon Keizai Shimbun, Inc. (Nikkei), with 40-percent, and Mitsui & Co. Ltd, with the remaining 10-percent. There are currently 16 information providers on the service with a large amount of information coming from Nikkei, one of Japan's largest publishers and news providers.

The new service launches into a market that is dominated by two large players at present. NiftyServe, which is a joint venture between Fujitsu Ltd. and Nissho Iwai Corp., and BigGlobe (formerly PC-Van), owned by NEC Corp. NiftyServe has around 2.3-million members and BigGlobe trails slightly with around 2.2-million subscribers.

Price-wise, AOL Japan stacks up competitively. Users will be charged a monthly membership fee of 980-yen (US\$7.80) for three hours and 480-yen (US\$3.82) for each additional hour with no extra charges for information. NiftyServe offers basic membership at 1,800-yen (US\$14.32) and then 15-yen (US\$0.11) per minute for access after three hours. Basic membership of NEC's BigGlobe is charged at 2,000-yen (US\$15.92) for 15 hours of basic access and then 1-yen (US\$0.00796) per six seconds. Both existing online services do charge extra for certain content. ♦

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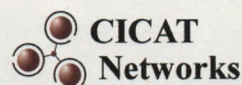
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• • •

A Free Service

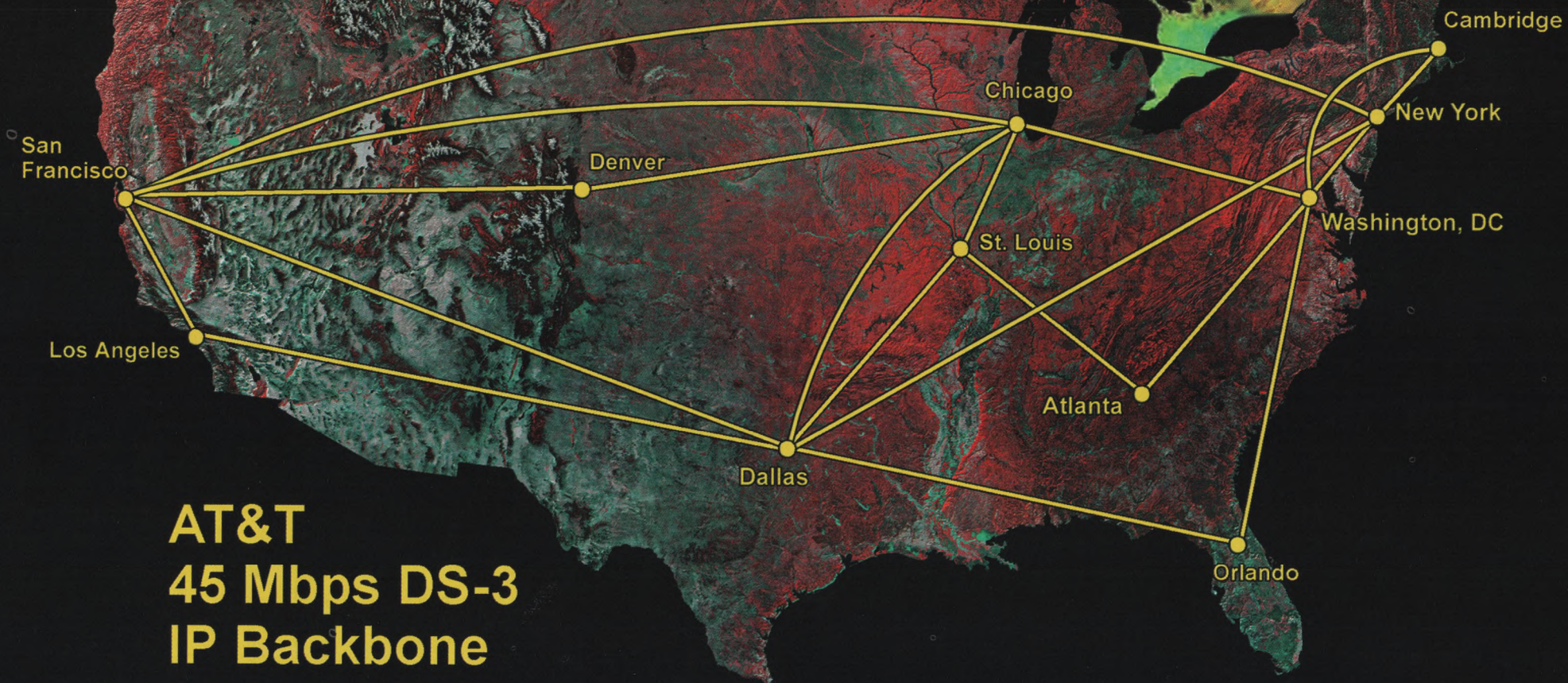
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1-800-988-ISDN

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AT&T

Basking Ridge, New Jersey

HISTORY

AT&T played important roles in the early development and evolution of the Internet. AT&T and its subsidiaries, such as Bell Laboratories, invented the UNIX operating system, the UUCP electronic mail transfer protocol, and developed fiber optics. Now quietly and cautiously the telephone giant has become a player among the national backbone operators.

AT&T entered the Internet service provider market on September 1, 1995 by offering business networking connections through AT&T WorldNet Managed Internet Service. This subdivision of AT&T WorldNet Service continues to offer businesses a range of products including LAN access to the Internet, intranet and Internet over the same physical connections, site planning, equipment and security, as well as web hosting.

AT&T first offered consumer dial-up access on March 14, 1996 through AT&T WorldNet Service. In slightly more than a year, AT&T boasts 900,000 subscribers, and claims it is the largest ISP focused on Internet access in the United States. When AT&T initiated

business service to the Internet, it relied on the BBN Planet backbone. The AT&T backbone is used for 100 percent of its dial-up access, and AT&T has begun to integrate use of its own backbone for business customers.

COMPANY DESCRIPTION

AT&T CEO: Robert E. Allen
WorldNet Vice President: Tom Evslin
NYSE: T

Consumer Subscribers: 900,000

Business Accounts: None

Revenues: \$13.05 billion; total revenues increased 1.5% from 1Q96, while revenue from communications services increased 2.3% to \$12.66 billion.

Earnings: \$1.12 billion, or \$0.69 per share first quarter 1997, continuing operations, decreased 25% compared to \$0.92 per share in the first quarter of 1996. This represents a decline of 9.2% from the \$0.76 per share reported in the fourth quarter of 1996.

Total POPs: 582 dedicated; 220 dial-up

Employees: 127,000

Street Mailing Address: AT&T

Headquarters, 295 N. Maple Ave.,
 Basking Ridge, NJ 07920

Voice: Consumers: (800) 222-0300

Business: (800) 222-0400

Networks Operations Center:

(800) 411-6427

International: None

Facsimile: None

MailTo: ECSWEB@attmail.com
http://www.att.com

CURRENT BACKBONE ARCHITECTURE

The AT&T IP backbone has been deployed with 11 initial nodes and a partial mesh of multiple DS-3 connections. High-performance routers are employed at the nodes interconnected by ATM/OC-3 links through ATM switches. The network has been designed to contain no more than three facility hops (wide-area hops) at its furthest point. All routers and switches are deployed in a redundant fashion. The network has redundant management systems which are used to monitor its performance.

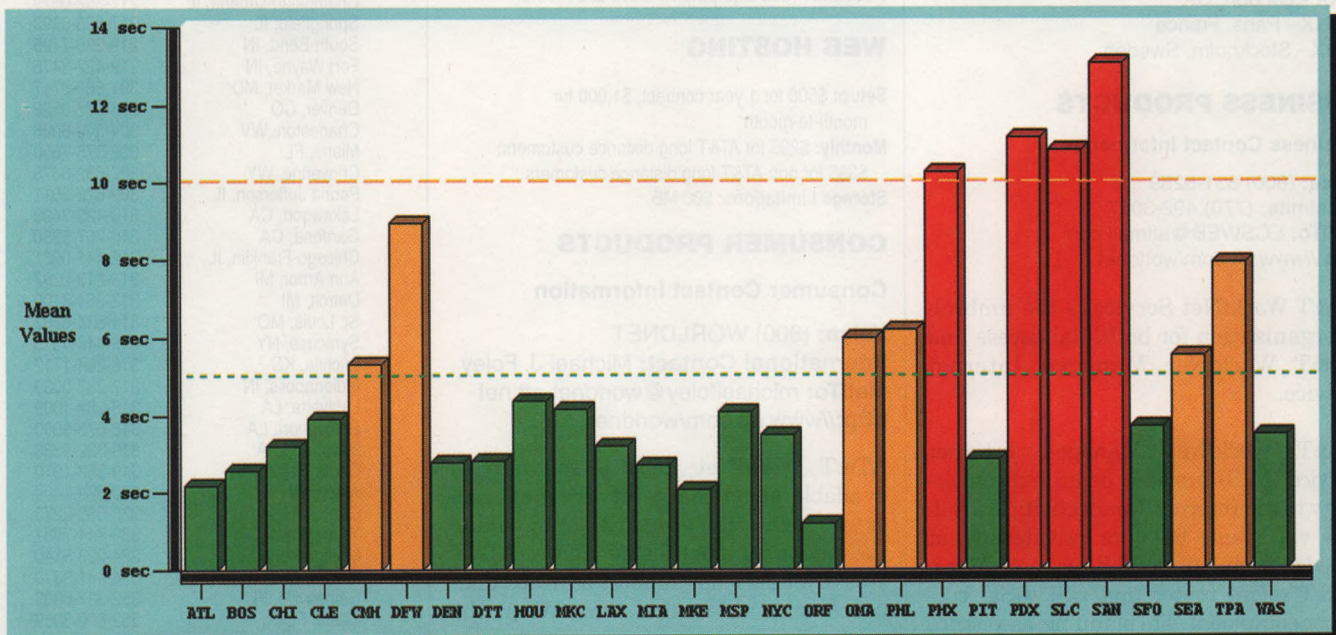
The dial platform contains 220 local dial access numbers as well as Megacom 800 service for toll-free access. Local distribution nodes are connected to hub nodes via dual DS-3s. The hub nodes, which utilize network routers and ATM switches, are connected to the IP backbone via OC-3 links.

AT&T's network is 100 percent digital with over 40,000 miles of fiber optic cable carrying 95 percent of the traffic. The network completes more than 190 mil-

ATT WorldNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 65580

AVERAGE: 4.921 sec
DEVIATION: 15.121 sec



lion voice, data, and image transactions each business day. Underlying this large infrastructure is FASTAR, a system which automatically routes AT&T's backbone traffic around cable failures. In its current design, the company says, FASTAR can restore 90-95 percent of a large failure within two or three minutes.

Senior Network Architect

Engineer: Bill Leighton

MailTo: wleighton@attmail.com

MAJOR U.S. BACKBONE CITIES

Atlanta, GA	New York, NY
Cambridge, MA	Orlando, FL
Chicago, IL	San Francisco, CA
Dallas, TX	St. Louis, MO
Denver, CO	Washington, DC
Los Angeles, CA	

MAJOR INTERNATIONAL BACKBONE CITIES

Amsterdam	Madrid
Stockholm	Lisbon
London	Beijing
Brussels	Hong Kong
Frankfurt	Tokyo
Paris	Taiwan
Zurich	Singapore
Milan	Sidney

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Washington, DC
 MAE West - San Jose, CA
 Ameritech Chicago NAP - Chicago, IL
 SprintLink New York NAP - Pennsauken, NJ
 Pac Bell San Francisco NAP - San Francisco, CA

MAJOR INTERNATIONAL PEER INTERCONNECT POINTS

AMS IX - Amsterdam, The Netherlands
 AMS DC2 - Amsterdam, The Netherlands
 CISP - Geneva, Switzerland
 LINX - London, UK
 SFINX - Paris, France
 DGIX - Stockholm, Sweden

BUSINESS PRODUCTS

Business Contact Information:

Voice: (800) 831-5259

Facsimile: (770) 492-3067

MailTo: ECSWEB@attmail.com

http://www.att.com/worldnet

AT&T WorldNet Service is the umbrella organization for both dial access and AT&T WorldNet Managed Internet Service.

AT&T WorldNet Managed Internet Service (MIS) provides dedicated connectivity to the Internet. Connectivity is available via Frame Relay or private line, at speeds ranging from 56 Kbps to 45 Mbps. AT&T offers router and CSU/DSU customer equipment, site planning, assistance

with domain registration, and 24x7 management of all components. The following fractional T-1 speeds are available: 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, and 768 Kbps. In addition, existing AT&T customers may use spare bandwidth on their existing T-1 or T-3 circuits in a network arrangement for connectivity to AT&T WorldNet MIS. Basic service is available for customers who are able to manage their Internet routers and IP networks. Plus service is available for customers who want fully managed Internet access.

AT&T MIS offers other services as well, including: primary domain name service, Net news feeds, managed CPE, and usage reports. AT&T offers a variety of security services, including packet filtering and firewalls.

45 Mbps T-3 LEASED LINE ACCESS

Availability: POP cities

Average Installation Time: 45-60 days

Setup: \$5,000

Monthly: \$45,000 (full access)

Recommended Equipment: Cisco 7010 or 75xx router with an HSSI card

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: POP cities

Average Installation Time: 45-60 days

Setup: \$1,200

Monthly: \$2,100

Recommended Equipment: Cisco 2501 router

56 Kbps LEASED LINE ACCESS

Availability: POP cities

Average Installation Time: 45-60 days

Setup: \$1,200

Monthly: \$595

Recommended Equipment: Cisco 2501 router

WEB HOSTING

Setup: \$500 for 1 year contract, \$1,000 for month-to-month

Monthly: \$295 for AT&T long distance customers;

\$395 for non-AT&T long distance customers

Storage Limitations: 200 MB

CONSUMER PRODUCTS

Consumer Contact Information

Voice: (800) WORLDNET

International Contact: Michael J. Foley

MailTo: michaelfoley@worldnet.att.net

http://www.att.com/worldnet

AT&T WorldNet Service software is available at no charge at www.att.net or www.att.com/worldnet or by calling the phone number listed above. AT&T WorldNet does not support 56 Kbps dial-up connections at this time. When the

industry establishes a standard for 56 Kbps dial-up service, AT&T will implement that standard, the company says.

28.8 Kbps DIAL-UP ACCESS

Availability: United States and Japan

Average Installation Time: Minutes, through free AT&T WorldNet Service software

Setup: No charge

Monthly:

Hours	Price	
Unlimited	\$19.95	
Non-AT&T long distance subscribers:		
Hours	Price	Additional
Three	\$4.95	\$2.50/hour
AT&T long distance subscribers:		
Hours	Price	Additional
Five	\$4.95	\$2.50/hour

Toll Free Access: \$4.50 per hour

Recommended Equipment: 386 PC or equivalent, 8 MB RAM, 14.4 Kbps modem

AT&T WORLDNET DIAL-UP POINTS OF PRESENCE

Ridgewood, NJ	201-251-8561
Hackensack, NJ	201-291-0121
Morristown, NJ	201-292-9557
Hopatcong, NJ	201-398-1005
Passaic, NJ	201-458-8484
Newark, NJ	201-623-1292
Danbury, CT	203-207-5430
Westport, CT	203-221-1005
Bridgeport, CT	203-696-3940
New Haven, CT	203-777-1942
Birmingham, AL	205-327-6520
Huntsville, AL	205-518-2140
Tacoma, WA	206-272-3982
Seattle, WA	206-382-0108
Portland, ME	207-879-9650
Boise, ID	208-344-1009
Modesto, CA	209-491-3150
Fresno, CA	209-497-7822
Stockton, CA	209-939-3089
San Antonio, TX	210-225-0742
Brownsville, TX	210-546-0121
New York, NY	212-528-2420
Los Angeles, CA	213-955-5409
Dallas, TX	214-826-4651
Philadelphia, PA	215-772-1560
Cleveland, OH	216-622-7566
Champaign-Urbana, IL	217-352-0679
Springfield, IL	217-525-6199
South Bend, IN	219-239-7125
Fort Wayne, IN	219-422-3476
New Market, MD	301-865-0717
Denver, CO	303-572-0522
Charleston, WV	304-340-8066
Miami, FL	305-375-7600
Cheyenne, WY	307-632-0673
Peoria Jefferson, IL	309-673-8611
Lakewood, CA	310-429-7493
Gardena, CA	310-767-5950
Chicago-Franklin, IL	312-441-0661
Ann Arbor, MI	313-213-2297
Detroit, MI	313-964-3100
St. Louis, MO	314-534-6483
Syracuse, NY	315-448-4575
Wichita, KS	316-264-1712
Indianapolis, IN	317-237-0039
Lafayette, LA	318-289-1009
Shreveport, LA	318-675-3000
Davenport, IA	319-322-9333
Cedar Rapids, IA	319-362-1910
Akron, OH	330-374-1400
Canton, OH	330-588-2273
Youngstown, OH	330-744-7981
Montgomery, AL	334-223-5140
Mobile, AL	334-441-9370
Gainesville, FL	352-337-6885
Ocala, FL	352-690-3059

NATIONAL BACKBONE OPERATORS — AT&T

Olympia, WA	360-709-2460
Providence, RI	401-453-9360
Omaha, NE	402-341-6863
Atlanta, GA	404-221-3620
Oklahoma City, OK	405-270-0039
Billings, MT	406-245-1399
Great Falls, MT	406-771-7718
Orlando, FL	407-245-7802
Melbourne, FL	407-728-9300
San Jose, CA	408-494-0910
Salinas, CA	408-771-1150
Beaumont, TX	409-838-1988
Baltimore, MD	410-783-4570
Pittsburgh, PA	412-391-6163
Springfield, MA	413-263-6630
Milwaukee, WI	414-223-5112
Appleton, WI	414-831-4920
San Francisco, CA	415-296-1275
Redwood City, CA	415-562-2400
Springfield, MO	417-866-1239
Toledo, OH	419-243-0147
Mansfield, OH	419-522-2308
Johnson City, TN	423-282-5304
Knoxville, TN	423-521-0100
Chattanooga, TN	423-757-8800
Little Rock, AR	501-372-0104
Louisville, KY	502-562-0830
Portland, OR	503-221-2174
Salem, OR	503-362-0785
Baton Rouge, LA	504-336-8400
New Orleans, LA	504-561-7860
Albuquerque, NM	505-242-7070
Rochester, MN	507-286-1047
Lawrence, MA	508-557-0299
Worcester, MA	508-751-4900
Spokane, WA	509-456-0421
Kennewick, WA	509-735-4400
Hayward, CA	510-581-0270
Concord, CA	510-691-0315
Austin, TX	512-708-0200
Corpus Christi, TX	512-883-0280
Cincinnati, OH	513-665-9909
Des Moines, IA	515-288-2810
Farmingdale, NY	516-249-2948
Riverhead, NY	516-369-5079
Bay Shore, NY	516-968-6305
Lansing, MI	517-484-7994
Saginaw, MI	517-753-6166
Albany, NY	518-447-0459
Tucson, AZ	520-770-9006
Roanoke, VA	540-342-9185
Eugene/Springfield, OR	541-686-0449
Boca Raton, FL	561-347-8180
West Palm Beach, FL	561-803-4672
Jackson, MS	601-360-2000
Gulfport, MS	601-867-9078
Phoenix, AR	602-340-9248
Manchester, NH	603-627-0300
Sioux Falls, SD	605-336-3437
Lexington, KY	606-252-3031
Binghamton, NY	607-724-9070
Madison, WI	608-282-7944
Plainsboro, NJ	609-275-0955
Pleasantville, NJ	609-383-0315
Mercerville, NJ	609-581-8100
Minneapolis, MN	612-339-0328
Columbus, OH	614-221-8831
Nashville, TN	615-401-7570
Kalamazoo, MI	616-226-9408
Grand Rapids, MI	616-776-2601
Cambridge, MA	617-621-3400
San Diego, CA	619-220-6920
DelMar, CA	619-793-8485
Naperville NE, IL	630-505-0245
Naperville NE, IL	630-505-1641
Fargo, ND	701-232-4658
Reno, NV	702-334-4400
Las Vegas, NV	702-386-8056
Alexandria-Arlington, VA	703-685-8700
Asheville, NC	704-232-5200
Charlotte, NC	704-376-2060
Columbus, GA	706-321-2070
Augusta, GA	706-821-8700
Santa Rosa, CA	707-570-0296
Houston, TX	713-757-9020
Houston, TX	713-759-6839
Santa Ana, CA	714-444-9327

Rochester, NY	716-454-1030
Buffalo, NY	716-853-0820
Harrisburg, PA	717-236-5884
Scranton, PA	717-348-4060
York, PA	717-843-9008
Colorado Springs, CO	719-444-0216
Norfolk-Virginia Beach, VA	757-626-3835
Palm Springs, CA	760-320-9426
SanJuan-Santurce, PR	787-725-9622
Salt Lake, UT	801-322-5758
Burlington, VT	802-865-2750
Myrtle Beach, SC	803-626-3834
Charleston, SC	803-720-4240
Columbia, SC	803-988-7420
Richmond, VA	804-771-5440
Lynchburg, VA	804-847-0262
Oxnard, CA	805-487-7344
Santa Barbara, CA	805-564-1115
Bakersfield, CA	805-633-3630
Lubbock, TX	806-749-0397
Aiea-Oahu, HI	808-536-8495
Bloomington, IN	812-334-1115
Evansville, IN	812-424-0104
Tampa, FL	813-621-1178
Erie, PA	814-454-6182
Rockford, IL	815-966-1001
Kansas City, MO	816-221-4569
Ft Worth, TX	817-338-1047
Waco, TX	817-752-4994
Van Nuys, CA	818-986-0462
Palatine, IL	847-358-3164
Hartford, CT	860-244-8200
New London, CT	860-442-9324
Bristol, CT	860-584-1817
Greenville, SC	864-282-0400
Memphis, TN	901-543-5400
Longview, TX	903-753-6390
Tallahassee, FL	904-224-2223
Daytona Beach, FL	904-257-5990
Pensacola, FL	904-470-0800
Jacksonville, FL	904-798-3300
Panama City, FL	904-913-3400
Fanwood, NJ	908-322-2288
Fanwood, NJ	908-322-3038
New Brunswick, NJ	908-418-0357
Deal, NJ	908-493-3030
Carteret, NJ	908-541-2600
Middletown, NJ	908-615-0112
Clinton, NJ	908-713-6611
Freehold, NJ	908-866-0347
Hackettstown, NJ	908-979-0977
San Bernardino, CA	909-884-7604
Ontario, CA	909-983-8604
Wilmington, NC	910-350-8800
Greensboro, NC	910-412-5880
Fayetteville, NC	910-678-2036
Albany, GA	912-430-8900
Savannah, GA	912-651-6000
Macon, GA	912-765-4200
Topeka, KS	913-235-1491
White Plains, NY	914-397-2300
Piermont, NY	914-398-3207
Poughkeepsie, NY	914-452-0038
El Paso, TX	915-577-0400
San Angelo, TX	915-653-0126
Abilene, TX	915-676-0273
Midland, TX	915-683-5510
Sacramento, CA	916-498-3020
Tulsa, OK	918-582-0129
Raleigh, NC	919-508-3000
Dayton, OH	937-449-1444
Fort Myers, FL	941-277-7171
Winter Haven, FL	941-295-9500
Sarasota, FL	941-365-5700
Naples, FL	941-403-0758
Fort Lauderdale, FL	954-316-1500

AT&T WorldNet Dedicated POPs

City	State	Area Code
Cedar Knolls	NJ	201
Newark	NJ	201
Newton	NJ	201
Rochelle Park	NJ	201
Washington	DC	202
Washington	DC	202
Bridgeport	CT	203

Cheshire	CT	203
Danbury	CT	203
New Haven	CT	203
Stanford	CT	203
Arab	AL	205
Birmingham	AL	205
Decatur	AL	205
Huntsville	AL	205
Jasper	AL	205
Pinckard	AL	205
Tuscaloosa	AL	205
Everett	WA	206
North Bend	WA	206
Seattle	WA	206
Tacoma	WA	206
Bangor	ME	207
Lewiston	ME	207
Portland	ME	207
Boise	ID	208
Coeur d'Alene	ID	208
Idaho Falls	ID	208
Pocatello Jct.	ID	208
Fresno	CA	209
Lodi	CA	209
Modesto	CA	209
Stockton	CA	209
Brownsville	TX	210
Harlingen	TX	210
Laredo	TX	210
San Antonio	TX	210
San Antonio	TX	210
Seguin	TX	210
New York City	NY	212
Los Angeles	CA	213
Los Angeles	CA	213
Dallas	TX	214
Philadelphia	PA	215
Philadelphia	PA	215
Brook Park	OH	216
Cleveland	OH	216
Cleveland	OH	216
Lorain	OH	216
Medina	OH	216
Champaign	IL	217
Decatur	IL	217
Jacksonville	IL	217
Mattoon	IL	217
Quincy	IL	217
Springfield	IL	217
Duluth	MN	218
Elkhart	IN	219
Ft. Wayne	IN	219
Portage	IN	219
South Bend	IN	219
Warsaw	IN	219
Hagerstown	MD	240
Cumberland	MD	301
Greenbelt	MD	301
Hagerstown	MD	301
Silver Spring	MD	301
Waldorf	MD	301
Wye Mills	MD	301
Dover	DE	302
Wilmington	DE	302
Denver	CO	303
Falcon	CO	303
Greenwood Village	CO	303
Longmont	CO	303
Beckley	WV	304
Bluefield	WV	304
Charleston	WV	304
Huntington	WV	304
Martinsburg	WV	304
Morgantown	WV	304
Parkersburg	WV	304
Sugar Grove	WV	304
Wheeling	WV	304
Wolf Summit	WV	304
Miami	FL	305
Ojus	FL	305
Casper	WY	307
Cheyenne	WY	307
Grand Island	NE	308
Kearney	NE	308
North Platte	NE	308
Bloomington	IL	309
Galesburg	IL	309
Macomb	IL	309

NATIONAL BACKBONE OPERATORS — AT&T

Peoria	IL	309	Butler	PA	412	Bohemia	NY	516
Sunnyland	IL	309	Greensburg	PA	412	Coram	NY	516
Chicago	IL	312	Pittsburgh	PA	412	Garden City	NY	516
Detroit	MI	313	Ludlow	MA	413	New York City	NY	516
Plymouth	MI	313	Springfield	MA	413	Grayling	MI	517
Cape Girardeau	MO	314	Appleton	WI	414	Jackson	MI	517
Columbia	MO	314	Green Bay	WI	414	Lansing	MI	517
Creve Coeur	MO	314	Milwaukee	WI	414	Midland	MI	517
Florissant	MO	314	Racine	WI	414	Saginaw	MI	517
Hannibal	MO	314	Sheboygan	WI	414	Albany	NY	518
Hillsboro	MO	314	Trevor	WI	414	Albany	NY	518
Mexico	MO	314	Waukesha	WI	414	Plattsburgh	NY	518
St. Louis	MO	314	Redwood City	CA	415	Stuyvesant	NY	518
Wentzville	MO	314	San Francisco	CA	415	Apache Junction	AZ	520
Syracuse	NY	315	San Francisco	CA	415	Flagstaff	AZ	520
Syracuse	NY	315	Joplin	MO	417	Mayer	AZ	520
Tully	NY	315	Springfield	MO	417	Mesa	AZ	520
Utica	NY	315	Archibald	OH	419	Tucson	AZ	520
Dodge City	KS	316	Bluffton	OH	419	Yuma	AZ	520
Emporia	KS	316	Celina	OH	419	Blacksburg	VA	540
Hutchinson	KS	316	Findlay	OH	419	Covington	VA	540
Parsons	KS	316	Lima	OH	419	Culpeper	VA	540
Wichita	KS	316	Mansfield	OH	419	Dahlgren	VA	540
Carmel	IN	317	Toledo	OH	419	Edinburg	VA	540
Indianapolis	IN	317	Bristol	TN	423	Harrisonburg	VA	540
Muncie	IN	317	Chattanooga	TN	423	Leesburg	VA	540
Richmond	IN	317	Johnson City	TN	423	Leesburg	VA	540
Alexandria	LA	318	Johnson City	TN	423	Lexington	VA	540
Lafayette	LA	318	Knoxville	TN	423	Martinsville	VA	540
Lake Charles	LA	318	Knoxville	TN	423	Roanoke	VA	540
Monroe	LA	318	Bentonville	AR	501	Rocky Mount	VA	540
Shreveport	LA	318	Fayetteville	AR	501	Staunton	VA	540
Cedar Rapids	IA	319	Forrest City	AR	501	Waynesboro	VA	540
Davenport	IA	319	Ft. Smith	AR	501	Winchester	VA	540
Dubuque	IA	319	Harrison	AR	501	Wytheville	VA	540
Muscatine	IA	319	Jonesboro	AR	501	Corvallis	OR	541
Waterloo	IA	319	Little Rock	AR	501	Eugene	OR	541
St. Cloud	MN	320	Pine Bluff	AR	501	Medford	OR	541
Akron	OH	330	Rogers	AR	501	Pendleton	OR	541
Canton	OH	330	Rogers	AR	501	West Palm Beach	FL	561
Wooster	OH	330	Bowling Green	KY	502	Gardena	CA	562
Youngstown	OH	330	Frankfort	KY	502	Long Beach	CA	562
Brewton	AL	334	Elizabethtown	KY	502	Jefferson City	MO	573
Mobile	AL	334	Glasgow	KY	502	Rolla	MO	573
Montgomery	AL	334	Louisville	KY	502	Greenwood	MS	601
Opelika	AL	334	Madisonville	KY	502	Gulfport	MS	601
Troy	AL	334	Owensboro	KY	502	Hattiesburg	MS	601
Gainesville	FL	352	Paducah	KY	502	Horn Lake	MS	601
Leesburg	FL	352	Beaverton	OR	503	Jackson	MS	601
Ocala	FL	352	Coos Bay	OR	503	Meridian	MS	601
Olympia	WA	360	Portland	OR	503	Tupelo	MS	601
Providence	RI	401	Salem	OR	503	Phoenix	AZ	602
Lincoln	NE	402	Baton Rouge	LA	504	Dover	NH	603
Lyons	NE	402	New Orleans	LA	504	Manchester	NH	603
Norfolk	NE	402	Albuquerque	NM	505	Nashua	NH	603
Offutt	NE	402	Fairacres	NM	505	Caputa	SD	605
Omaha	NE	402	Roswell	NM	505	Sioux Falls	SD	605
Omaha	NE	402	Socorro	NM	505	Ashland	KY	606
Atlanta	GA	404	Ghent	MN	507	Danville	KY	606
Dunwoody	GA	404	Rochester	MN	507	Lexington	KY	606
East Point	GA	404	Fairhaven	MA	508	Lexington	KY	606
Glencoe	OK	405	Framingham	MA	508	Paintsville	KY	606
Guymon	OK	405	Lawrence	MA	508	Somerset	KY	606
Lawton	OK	405	Littleton	MA	508	Williamstown	KY	606
Oklahoma City	OK	405	Worcester	MA	508	Winchester	KY	606
Piedmont	OK	405	Kennewick	WA	509	Binghamton	NY	607
Billings	MT	406	Pullman	WA	509	Coon Valley	WI	608
Bozeman	MT	406	Spokane	WA	509	Dodgeville	WI	608
Helena	MT	406	Yakima	WA	509	Janesville	WI	608
Missoula	MT	406	Hayward	CA	510	La Crosse	WI	608
Boca Raton	FL	407	Oakland	CA	510	Madison	WI	608
Cocoa Beach	FL	407	Pleasanton	CA	510	Camden	NJ	609
Lake Buena Vista	FL	407	Walnut Creek	CA	510	Cedar Brook	NJ	609
Melbourne	FL	407	Adamsville	TX	512	Hamilton Square	NJ	609
Orlando	FL	407	Austin	TX	512	Pleasantville	NJ	609
Vero Beach	FL	407	Corpus Christi	TX	512	Reading	PA	610
Windemere	FL	407	Pflugerville	TX	512	Wayne	PA	610
Winter Park	FL	407	Victoria	TX	512	Bloomington	MN	612
Salinas	CA	408	Bellefontaine	OH	513	Medford	MN	612
San Jose	CA	408	Cincinnati	OH	513	Minneapolis	MN	612
Beaumont	TX	409	Evandale	OH	513	Plymouth	MN	612
Bryan	TX	409	Middletown	OH	513	St. Paul	MN	612
Lufkin	TX	409	Springfield	OH	513	Columbus	OH	614
Arnold	MD	410	Ames	IA	515	Steubenville	OH	614
Baltimore	MD	410	Des Moines	IA	515	Worthington	OH	614
Havre De Grace	MD	410	Des Moines	IA	515	Brentwood	TN	615
Salisbury	MD	410	Ft. Dodge	IA	515	Cookeville	TN	615
Ambridge	PA	412	Mason City	IA	515	Nashville	TN	615

NATIONAL BACKBONE OPERATORS — AT&T

Benton Harbor	MI	616
Grand Rapids	MI	616
Holland	MI	616
Kalamazoo	MI	616
Traverse City	MI	616
Boston	MA	617
Cambridge	MA	617
Carbondale	IL	618
Collinsville	IL	618
Olney	IL	618
Scott	IL	618
Blythe	CA	619
San Diego	CA	619
Oakbrook	IL	630
Bismark	ND	701
Fargo	ND	701
Grand Forks	ND	701
Minot	ND	701
Elko	NV	702
Las Vegas	NV	702
Reno	NV	702
Arlington	VA	703
Herndon	VA	703
Independent Hill	VA	703
Oakton	VA	703
Monrovia	MD	704
Asheville	NC	704
Charlotte	NC	704
Charlotte	NC	704
Hickory	NC	704
Athens	GA	706
Augusta	GA	706
Chatsworth	GA	706
Columbus	GA	706
Dalton	GA	706
Monticello	GA	706
Rome	GA	706
Waynesboro	GA	706
Santa Rosa	CA	707
Eola	IL	708
Plano	IL	708
Carroll	IA	712
Sioux City	IA	712
Spencer	IA	712
Houston	TX	713
Houston	TX	713
Anaheim	CA	714
Mission Viejo	CA	714
Santa Ana	CA	714
Eau Claire	WI	715
Stevens Point	WI	715
Buffalo	NY	716
Buffalo	NY	716
Rochester	NY	716
Blue Ridge Summit	PA	717
Chambersburg	PA	717
Hanover	PA	717
Harrisburg	PA	717
Lancaster	PA	717
Scranton	PA	717
Williamsport	PA	717
York	PA	717
New York City	NY	718
New York City	NY	718
Colorado Springs	CO	719
Colorado Springs	CO	719
Lamar	CO	719
Pueblo	CO	719
Freehold	NJ	732
Hampton	VA	757
Norfolk	VA	757
Oceanside	CA	760
Palm Springs	CA	760
Lafayette	IN	765
Alpharetta	GA	770
Atlanta	GA	770
Hampton	GA	770
Norcross	GA	770
Chicago	IL	773
San Juan	PR	787
Lund	UT	801
Ogden	UT	801
Provo	UT	801
Salt Lake City	UT	801
Brattleboro	VT	802
Burlington	VT	802
White River Junction	VT	802
Charleston	SC	803

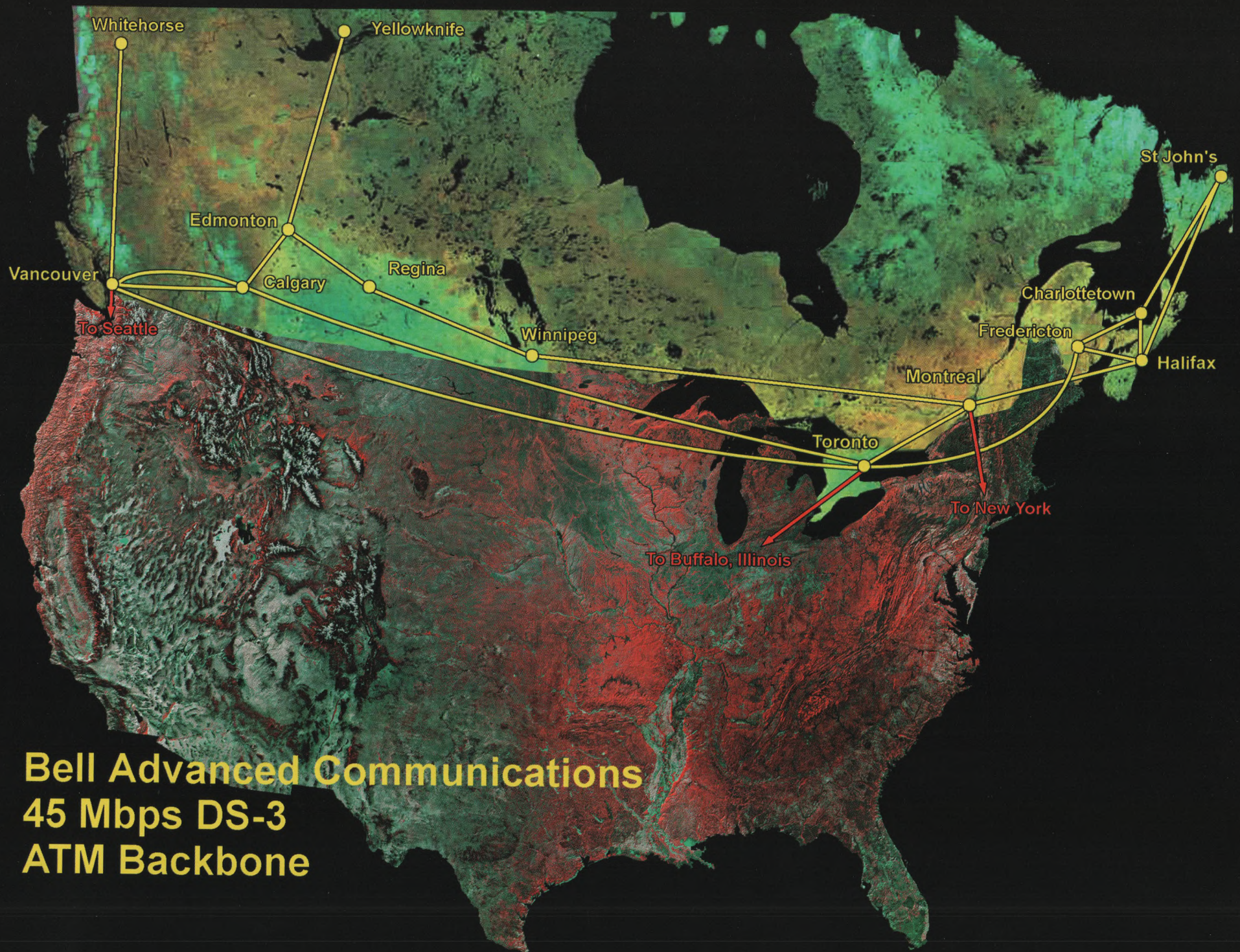
Columbia	SC	803
Florence	SC	803
Myrtle Beach	SC	803
Rock Hill	SC	803
Blairs	VA	804
Charlottesville	VA	804
Charlottesville	VA	804
Gloucester	VA	804
Lightfoot	VA	804
Lynchburg	VA	804
Newport News	VA	804
Richmond	VA	804
Richmond	VA	804
Bakersfield	CA	805
Mojave	CA	805
Oxnard	CA	805
San Luis Obispo	CA	805
San Luis Obispo	CA	805
Santa Barbara	CA	805
Santa Maria	CA	805
Amarillo	TX	806
Borger	TX	806
Lubbock	TX	806
Honolulu	HI	808
Charlotte Amalie	VI	809
Birmingham	MI	810
Flint	MI	810
Bloomington	IN	812
Columbus	IN	812
Evansville	IN	812
Jasper	IN	812
Terre Haute	IN	812
Clearwater	FL	813
St. Petersburg	FL	813
Tampa	FL	813
Tampa	FL	813
Altoona	PA	814
Erie	PA	814
Johnstown	PA	814
Oil City	PA	814
State College	PA	814
Warren	PA	814
Dekalb	IL	815
Rockford	IL	815
Sterling	IL	815
Kansas City	MO	816
Moberly	MO	816
St. Joseph	MO	816
Ft. Worth	TX	817
Killeen	TX	817
Waco	TX	817
Wichita Falls	TX	817
Sherman Oaks	CA	818
Glenview	IL	847
Rolling Meadows	IL	847
Hartford	CT	860
New London	CT	860
Greenville	SC	864
Spartanburg	SC	864
Ware Shoals	SC	864
Jackson	TN	901
Memphis	TN	901
Longview	TX	903
Crestview	FL	904
Daytona Beach	FL	904
Ft. Walton Beach	FL	904
Jacksonville	FL	904
Jacksonville	FL	904
Panama City	FL	904
Pensacola	FL	904
Tallahassee	FL	904
Perkins	MI	906
Belvidere	NJ	908
New Brunswick	NJ	908
San Bernardino	CA	909
Fayetteville	NC	910
Greensboro	NC	910
Greensboro	NC	910
High Point	NC	910
Jacksonville	NC	910
Laurinburg	NC	910
Wilmington	NC	910
Winston-Salem	NC	910
Albany	GA	912
Baxley	GA	912
Macon	GA	912
Savannah	GA	912
Valdosta	GA	912

Warner/Robins	GA	912
Fairview	KS	913
Lawrence	KS	913
Manhattan	KS	913
Olathe	KS	913
Salina	KS	913
Topeka	KS	913
Poughkeepsie	NY	914
White Plains	NY	914
Abilene	TX	915
Brownwood	TX	915
El Paso	TX	915
Midland	TX	915
San Angelo	TX	915
Sweetwater	TX	915
Chico	CA	916
Dunnigan	CA	916
Folsom	CA	916
Redding	CA	916
Sacramento	CA	916
Bartlesville	OK	918
Bartlesville	OK	918
Mounds	OK	918
Tulsa	OK	918
Tulsa	OK	918
Durham	NC	919
Durham	NC	919
Greenville	NC	919
Kinston	NC	919
Raleigh	NC	919
Rocky Mount	NC	919
Dayton	OH	937
Avon Park	FL	941
Ft. Meyers	FL	941
Sarasota	FL	941
Winter Haven	FL	941
Ft. Lauderdale	FL	954
Grand Junction	CO	970
Addison	TX	972
Irving	TX	972

FUTURE EXPANSION PLANS

AT&T plans to extend the current OC-3 hub architecture and expand the network capacity to OC-12 and OC-48. AT&T is currently deploying ATM switches to its backbone nodes. The next phase is to convert the backbone network to an ATM switch fabric. AT&T plans to spend \$8 billion to \$9 billion to upgrade its core infrastructure to SONET/ATM for all voice and data services. As part of this effort, AT&T has already installed 30 OC-48 SONET rings across the U.S., and plans to install an additional 50 in 1998.

Currently, dedicated AT&T WorldNet Managed Internet Service customer circuits are back-hauled to one of the 11 backbone nodes for connection to the network. The next wave of development for this infrastructure will be to deploy 100 concentrator nodes. The concentrator nodes will be connected with the 11 backbone nodes through DS-3s. This second tier of development will begin later in 1997 and continue into 1998. With the deployment of the concentrator nodes, customer circuits will then be back-hauled to either the nearest concentrator node or backbone node for connection to the network. ♦



Bell Advanced Communications
45 Mbps DS-3
ATM Backbone

BELL ADVANCED COMMUNICATIONS Toronto, Ontario, Canada

HISTORY

Bell Advanced Communications, Inc. (BAC) is a wholly owned subsidiary of Bell Canada established in June 1995. BAC leases a virtual bandwidth network Special Facilities Tariff (STF) from Bell Canada and operates a national ATM network known as BAC Internet Transit Service. BAC's Internet Transit Service offers a number of Internet services through its partnership with Sympatico Business, which is owned by and Bell Global Solutions (BGS), which is owned by Bell Sygma, another subsidiary of Bell Canada, and one of the largest information technology and network management service companies in Canada. BGS is also the parent company of Sympatico Business.

BAC offers consumer dial-up Internet access through Sympatico Business; business retail and wholesale accounts for regional and local ISPs through BGS; and national backbone wholesale transit service for national ISPs and regional educational ISPs through BAC.

BAC focuses on offering variable bandwidth applications using ATM technology.

gy. BAC was created by Bell Canada so that it could compete in the marketplace with an unregulated business entity. BAC Internet Transit Service offers retail Canadian Internet service providers non-competitive access to the Internet at Canadian POPs.

BAC extends its broadband service throughout the United States by connecting to its Cross Border ATM Gateway. The gateway links BAC's ATM network with MCI's ATM Hyperstream network. The initial cross border service is a basic UNI ATM interconnect service which offers an interworking service between the two networks. Access points to this network are at Toronto, Montreal, Ottawa, and Quebec City.

COMPANY DESCRIPTION

CEO: David H. Joyce
Canadian Stock Exchange: BCE
Consumer Subscribers: 230,000 (offered through Sympatico)
Business Accounts: 620
Revenues: CAN\$18 million
Earnings: None
Total POPs: 23
Employees: 300
Office Location: 10N Yellow, 483 Bay Street, M5G 2E1, Toronto, Canada

Voice: (416) 350-1000
Network Operations Center: (800) 565-0567
International: None
Facsimile: (416) 350-1001
MailTo: lgilbert@bac.ca
<http://www.bell.ca> (BAC)
<http://www.bell.ca> (Bell Canada)
<http://www.bacits.bell.ca> (Bell ITS)
<http://www.bellglobal.com> (BGS)
<http://www.sympatico.ca> (Sympatico Business)

CURRENT BACKBONE ARCHITECTURE

BAC, through its relationship with BGS, uses a combination of ATM DS-3 and T-1 facilities to deliver its commercial Internet service. BGS employs Cisco routers and Newbridge switches in its network. BAC Internet Transit Services has a OC-3 DS-3 ATM backbone with Newbridge 36170 switches and Cisco 7000 and 7500 series routers.

Senior Network Architect

Engineer: Erone Quek
MailTo: equek@on.bell.ca

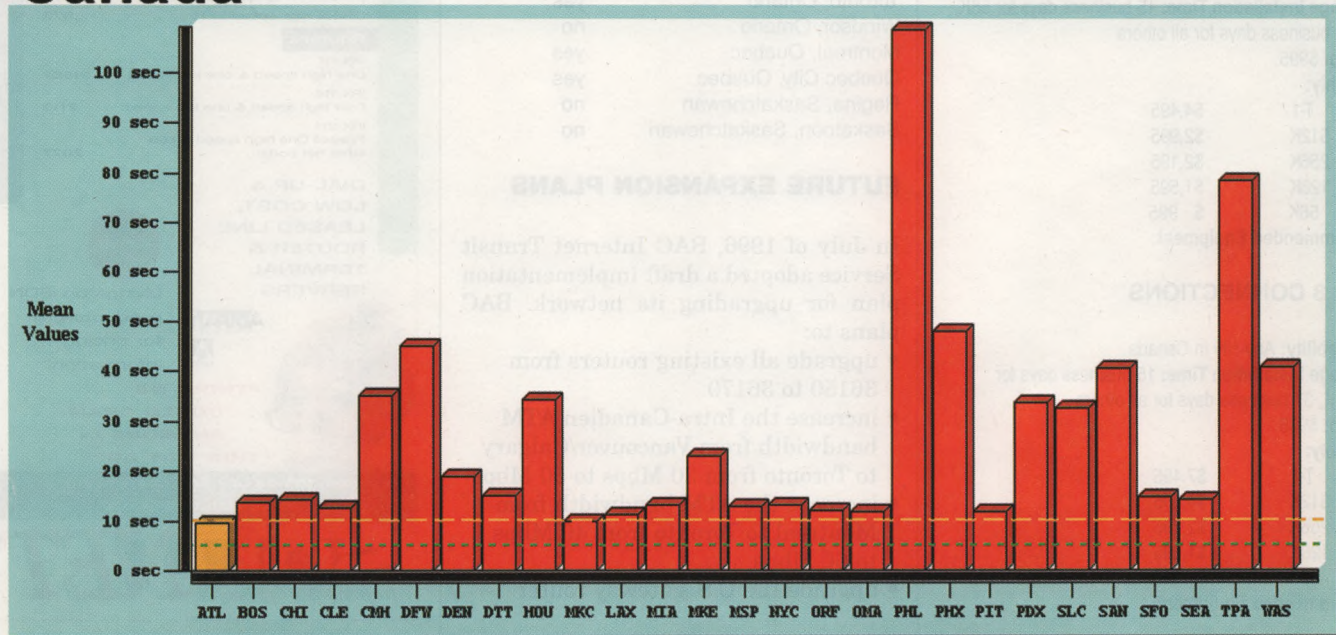
BACKBONE CITIES

Calgary, Alberta
 Vancouver, British Columbia
 Winnipeg, Manitoba

Bell Canada

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 52748

AVERAGE: 26.767 sec
 DEVIATION: 126.818 sec



Fredericton, New Brunswick
 St. John's, Newfoundland
 Yellowknife, Northwest Territory
 Halifax, Nova Scotia
 Toronto, Ontario
 Charlottetown, Prince Edward Island
 Edmonton, Quebec
 Montreal, Quebec
 Regina, Saskatchewan
 Whitehorse, Yukon Territory

MAJOR PEER INTERCONNECT POINTS

As a national service provider, BAC connects to other backbone operators at the following Canadian major peer interconnect points:

CANIX -Toronto, Ontario

BUSINESS PRODUCTS

All prices are listed in Canadian Dollars.
 Tier level is determined by location.

Tier 1 CONNECTIONS

Availability: Toronto, Ottawa, Montreal, Hamilton, London, Barrie, Kitchener/Waterloo, and Quebec City
Average Installation Time: 15 business days for 56K, 37 business days for all others

Setup: \$995

Monthly:

T-1	\$2,995
512K	\$1,995
256K	\$1,395
128K	\$1,095
56K	\$ 695

Recommended Equipment:

Tier 2 CONNECTIONS

Availability: Sudbury, Kingston, Windsor, Sault Ste Marie

Average Installation Time: 15 business days for 56K, 37 business days for all others

Setup: \$995

Monthly:

T-1	\$4,495
512K	\$2,995
256K	\$2,195
128K	\$1,595
56K	\$ 995

Recommended Equipment:

Tier 3 CONNECTIONS

Availability: Any city in Canada.

Average Installation Time: 15 business days for 56K, 37 business days for all others

Setup: \$995

Monthly:

T-1	\$7,495
512K	\$4,595
256K	\$2,795
128K	\$1,695
56K	\$ 995

Recommended Equipment:

ISDN CONNECTION

Availability: Ottawa, Montreal, Toronto, Quebec City, Hamilton, Kingston, London

Average Installation Time: Unknown

Setup: \$250

Monthly:

128K	\$895
64K	\$495

Recommended Equipment:

CONSUMER PRODUCTS

BAC offers consumer dial-up service through Sympatico Business, a wholly owned subsidiary of BGS.

Availability: Throughout Canada

Average Installation Time: Immediate, online or by consumer purchased software.

Setup: \$29.95

Monthly: \$24.95 (includes 60 hours)

\$9.95 (includes 5 hours)

Additional Hours: \$1.50

Recommended Equipment: 14.4 Kbps modem required

POINTS OF PRESENCE

	ISDN
Calgary, Alberta	no
Edmonton, Alberta	no
Vancouver, British Columbia	no
Victoria, British Columbia	no
Winnipeg, Manitoba	no
Fredericton, New Brunswick	no
Moncton, New Brunswick	no
St. John's, Newfoundland	no
Halifax, Nova Scotia	no
Hamilton, Ontario	yes
Kingston, Ontario	yes
Kitchener, Ontario	no
London, Ontario	yes
Ottawa, Ontario	yes
Sarnia, Ontario	no
Sault Ste. Marie, Ontario	no
Sudbury, Ontario	no
Toronto, Ontario	yes
Windsor, Ontario	no
Montreal, Quebec	yes
Quebec City, Quebec	yes
Regina, Saskatchewan	no
Saskatoon, Saskatchewan	no

FUTURE EXPANSION PLANS

In July of 1996, BAC Internet Transit Service adopted a draft implementation plan for upgrading its network. BAC plans to:

- upgrade all existing routers from 36150 to 36170
- increase the Intra-Canadian ATM bandwidth from Vancouver/Calgary to Toronto from 30 Mbps to 50 Mbps
- increase the ATM bandwidth from Montreal to Toronto from 40 Mbps to 60 Mbps
- upgrade the U.S. gateway router

from 70xx to 75xx

- install a fourth T-3 from Toronto to Chicago
- establish a direct connection from the U.S. Gateway to the MCI Core Node and
- install a fifth and sixth T-3 from Vancouver/Calgary to Montreal ♦

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Communication Servers

10 PORT:	\$2021
20 PORT:	2471
30 PORT:	2812
Option: One synchronous port up to T1:	\$600

Office Routers

OR-U ISDN BRI router:	\$896
OR-LS Low speed to 386KBPS:	777
OR-HS High speed to T1:	972

Routers

IRX-111 One high speed & one low speed	\$1557
IRX-114 Four high speed & one low speed:	2113
IRX-211 Firewall One high speed & two ether net ports:	2077

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ROUTER &
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- | | | |
|-----------------|-------------|----------------|
| •Boston | •Chicago | •San Francisco |
| •New York City | •Detroit | •Oakland |
| •Philadelphia | •Pittsburgh | •Santa Clara |
| •Baltimore | •Cleveland | •Los Angeles |
| •Washington, DC | •Akron | •San Diego |

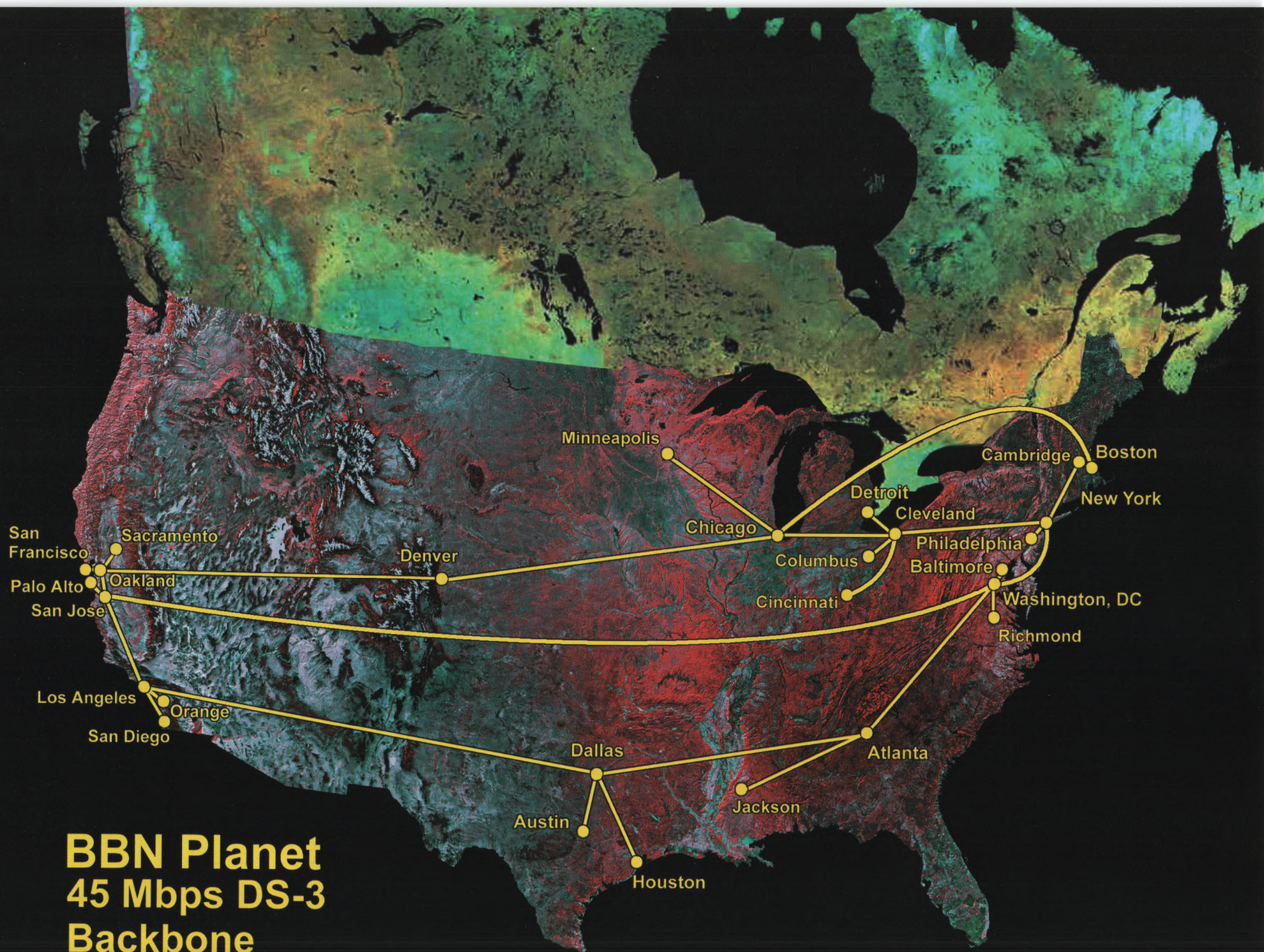
Access Port Pricing

- | | |
|---------|----------------------------------|
| 56K |\$ 400/mo plus \$1250 setup |
| T1 |\$1200/mo plus \$2250 setup |
| Dual-T1 |\$2000/mo plus \$4000 setup |
| 10mb |\$3000/mo plus \$3000 setup |
| T3 |By request |

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- Backup connectivity via Frame Relay or ISDN available Nationally and Internationally
- All services include a USENET News Feed, IP space, 24x7 NOC for trouble reporting and repair.

Net Access

PO Box 502 Glenside, PA 19038 • 215-576-8669 • 215-576-5820
Email: support@netaxs.com • www.netaxs.com



**BBN Planet
45 Mbps DS-3
Backbone**

BBN PLANET

Cambridge, Massachusetts

HISTORY

BBN Corporation, formerly, Bolt, Beranek and Newman, Inc. has been involved with TCP/IP Inter-networking from the inception of the concept. The design firm essentially built the Advanced Research Projects Administration (ARPANET) network, predecessor to the Internet. The firm invented the first IP packet router, for example, and devised the @ symbol convention for e-mail addressing. Today, the firm offers Internet connectivity services through its business division, BBN Planet.

In June 1993, BBN organized its commercial Internet-related business activities into a new subsidiary which acquired the assets of the New England Academic Research Network (NEAR-net). This organization, while evolving into BBN Planet, acquired the business and assets of two additional regional Internet access providers (including BARRNet in 1994 and SURAnet in 1995), expanding its geographical service area and customer base, while expanding the technical expertise and transferring about 100 employees to BBN Planet from BBN.



BBN Planet provides Internet services primarily to businesses by operating a high-bandwidth backbone providing dedicated local access to customers across the United States. BBN Planet's Internet access services include a range of dedicated leased-line connectivity options, network design, implementation, management, monitoring and problem-resolution services. BBN Planet also intends to develop or acquire additional

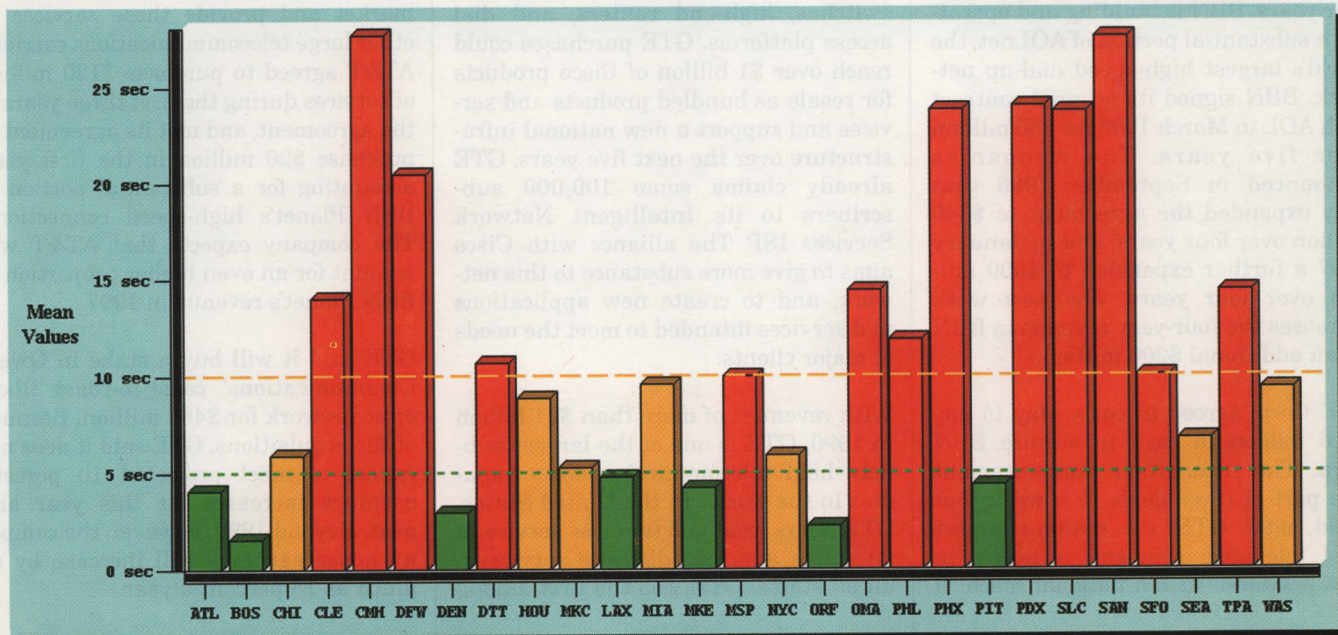
Internet-related value added services. In addition to Internet access services, the company currently offers managed network security, World Wide Web server hosting, systems integration and application development.

Currently, BBN Planet's customers consist of some 3,400 businesses, universities, and governmental clientele. BBN Planet intends to target organizational

BBN Planet/GTE

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59183

AVERAGE: 10.870 sec
DEVIATION: 58.319 sec





and business customers, in particular organizations and businesses with extensive customer service and support requirements, including computer hardware and software companies, telecommunications companies, high technology companies, consumer-oriented financial services companies, publishers, manufacturers, and professional service firms. BBN Planet currently sells its services through its own sales force, BBN Business Partners Program (a reseller channel).

BBN announced in April that it received significant additional work from America Online on AOLnet, expanding the value of its existing contract to more than \$700 million over four years. BBN is building and operating a substantial portion of AOLnet, the world's largest high-speed dial-up network. BBN signed its original contract with AOL in March 1995 for \$55 million over five years. The companies announced in September 1996 that they expanded the agreement to \$340 million over four years; and in January 1997 a further expansion to \$500 million over four years. The new work increases the four-year revenue to BBN by an additional \$200 million.

GTE Corp. agreed in early May to pay \$616 million in cash to acquire BBN Corp. The acquisition announcement was part of three deals in a week that could make GTE, the nation's largest local telephone company, a leader in data networks with a national reach. If

the friendly takeover is approved by shareholders of both companies, GTE will be ready to challenge the big long-distance companies, including AT&T Corp. for market position. Besides the BBN deal, GTE announced a \$485 million agreement to buy 25 percent of a new national fiber optic network being built by Qwest Communications Corp., a unit of Anschutz Corp. GTE and Cisco Systems Inc. also announced a relationship that will build a service network which will enable GTE to rapidly deploy value-added services and drive next-generation Internet Protocol (IP) offerings.

To support these services GTE will build a national network based on Cisco's Wide Area Network (WAN) ATM switches, high-end routers, and dial access platforms. GTE purchases could reach over \$1 billion of Cisco products for resale as bundled products and services and support a new national infrastructure over the next five years. GTE already claims some 100,000 subscribers to its Intelligent Network Services ISP. The alliance with Cisco aims to give more substance to this network, and to create new applications and services intended to meet the needs of major clients.

With revenues of more than \$21 billion in 1996, GTE is one of the largest publicly held telecommunications companies in the world. In the United States, GTE offers local and wireless service in 29 states and long-distance service in all 50 states. GTE was the first among

its peers to offer "one-stop shopping" for local, long-distance and Internet access services. GTE will offer BBN's stockholders \$29 a share and would assume BBN's debt of about \$70 million.

Outside the United States, where GTE has operated for more than 40 years, the company serves over 6.5 million customers. GTE is also a leader in government and defense communications systems and equipment, directories and telecommunications-based information services, and aircraft-passenger telecommunications. Besides expanding its range of services offered, GTE is standing firm against AT&T as the leading long-distance carrier makes inroads to local phone customers. For the past two years, BBN has been the provider of networking systems for most of AT&T's Internet service. It is not yet known how the GTE buyout will affect AT&T's WorldNet operation. AT&T holds a minority stake in BBN and was believed to be interested in acquiring full control of the company, but AT&T has also developed a backbone of its own.

BBN Planet and AT&T entered into a strategic relationship in June 1995 under which BBN provided dedicated Internet access and managed network security services to AT&T for resale to customers of AT&T's Business Communications Services division in the United States. BBN has been the exclusive provider of those services for two years. As of September 1, however, AT&T may obtain the services from other providers or may provision those services itself; BBN will be permitted to market and provide those services to other large telecommunications carriers. AT&T agreed to purchase \$120 million of services during the first three years of the agreement, and met its agreement to purchase \$20 million in the first year, accounting for a substantial portion of BBN Planet's high-speed connections. The company expects that AT&T will account for an even higher proportion of BBN Planet's revenue in 1997.

GTE said it will buy a stake in Qwest Communications' coast-to-coast fiber-optic network for \$485 million. Because of the acquisitions, GTE said it does not expect to meet projected 10 percent earnings increases for this year and next. Beyond 1999, however, the company hopes earnings will increase by as much as 15 percent a year.

COMPANY DESCRIPTION**President:** Paul R. Gudonis**Vice President of Sales and Marketing:**

Michael Duffy

NYSE: BBN**Consumer Subscribers:** 0**Business Accounts:** 3,400**Revenues:** \$158.2 million (last 6 months 1996)**Earnings:** - \$936,000 (last 6 months 1996)**Total POPs:** 66**Employees:** 300+ (within BBN Planet subsidiary; 2,000 total in organization)**World Headquarters:**150 Cambridge Park Drive,
Cambridge, MA 02140**Voice Info:** 800-472-4565**International:** (617) 873-4000**Facsimile:** (617) 873-5620**MailTo:** net-info@bbnplanet.com**http:** www.bbn.com**CURRENT BACKBONE ARCHITECTURE**

BBN Planet has a redundant 45 Mbps DS-3 backbone connecting 28 cities. Additional cities are connected in a second layer of multiple DS-1 connections. BBN Planet's high-bandwidth network utilizes both BBN Planet-owned network points of presence (POPs) and interconnected Frame Relay and switched multi-megabit facilities provided by local exchange and interexchange carriers to make local Internet access available to its customers throughout the United States. BBN Planet is expanding and upgrading its network backbone to meet anticipated increases in Internet traffic and demand for high capacity Internet connections. BBN Planet maintains a primary network operations center staffed 24 hours a day and two operations support centers that can serve as limited back-up network operations centers in an emergency. Field service staff, consulting service engineers, and applications design personnel are located in regional offices to provide technical sales and customer support.

Chief Technical Officer: John Curran**MailTo:** jcurran@bbnplanet.com**BACKBONE CITIES**

BBN Planet serves the following cities with a major backbone node site DS-3 router presence. These cities are connected by 45 Mbps DS-3 circuits:

Atlanta, GA
Austin, TX
Baltimore, MDBerkeley, CA
Boston, MA
Cambridge, MA
Chicago, IL
Cincinnati, OH
Cleveland, OH
Columbus, OH
Dallas, TX
Denver, CO
Detroit, MI
Houston, TX
Jackson, MS
Los Angeles, CA
Minneapolis, MN
New York, NY
Oakland, CA
Orange, CA
Palo Alto, CA
Philadelphia, PA
Richmond, VA
Sacramento, CA
San Diego, CA
San Francisco, CA
San Jose, CA
Washington, DC**MAJOR PEER INTERCONNECT POINTS**

BBN Planet interconnects with other major carriers at the following Network Access Points:

CIX - Santa Clara, CA
MAE East - Washington, DC
MAE West - Palo Alto, CA
Sprint New York NAP - Pennsauken, NJ
FIX East - College Park, MD
Digital IX - Palo Alto, CA

BBN has private Interconnect points with four backbone routers at over 11 locations:

BUSINESS PRODUCTS**Business Contact Information:****Voice:** 800-472-4565**Fax:** 617-873-5620**MailTo:** net-info@bbnplanet.com**http:** www.bbn.com

Guarantee: BBN Planet offers a 99.9% availability guarantee. If an eligible customer experiences an unplanned network outage which exceeds fifteen minutes and the network outage is due to a cause in the BBN Planet Network, BBN Planet will provide the customer with one full day's credit for the Internet Advantage Service for each day in which such an outage occurs.

SECURITY

BBN's family of value-added security services includes Site Patrol, a managed Internet firewall service providing perimeter security and support for virtual private networks (VPNs).

BBN Planet offers a series of connection products titled the *InterNET Advantage* at three levels of service: Gold, Silver, and Bronze.

Gold: Complete Internet access, includes equipment, a suite of operations, troubleshooting and advanced services, 24x7 network monitoring, packet filtering, news feeds, usage reports, problem resolution and managed access.

Silver: For organizations with some equipment and Internet capabilities, includes implementation services, 24x7 network monitoring and problem resolution, news feeds, usage reports and managed access.

Bronze: For organizations with in-house Internet expertise, includes access line implementation coordination, 24x7 access line network monitoring, news feeds, and access reports.

BBN Planet maintains network operations centers in Palo Alto, Cambridge, and Columbia.

T-3 CONNECTIONS

T-3 connections are available at all BBN Planet backbone T-3 points of presence cities. Installation rates vary, but start at **\$4,500**. Monthly operation fees start at **\$5,000** to a maximum of **\$49,000**, but pricing is determined on actual usage measured by statistically sampling data flow on fifteen minute intervals. Generally, a connection is to a full 45 Mbps T-3 router.

FRACTIONAL 1.544 Mbps T-1 LEASED LINE ACCESS

BBN Planet offers T-1 connections at a variety of prices starting at \$995 monthly for a measured rate service to a maximum of \$2,850. This "measured" service makes the full 1.544 Mbps T-1 burst speed bandwidth available at all times, but pricing is based on actual usage determined by statistically sampling data flow on fifteen minute intervals. The theoretical maximum monthly fee would be approximately **\$2,850**. BBN Planet does offer a first-year, flat-rate service at **\$1,995** a month.

Availability: Backbone cities**Average Installation Time:** n/a**Setup:** \$1,995**Monthly:** \$1,995**Recommended Equipment:**

Cisco router

Digitalink CSU/DSU

56 Kbps LEASED-LINE ACCESS

Availability: Backbone cities

Average Installation Time:

Setup: \$695

Monthly: \$475-\$745

Recommended Equipment:

Cisco router

Cray CSU/DSU

WEB HOSTING

BBN Planet's Web Advantage provides web hosting services at three levels.

Gold: Dedicated high-performance UNIX server, high-speed, 10 Mbps Ethernet connection to BBN's Internet backbone at 45 Mbps and 24-hour network operations support for IP connectivity and web data delivery. Prices range between **\$1,595** and **\$4,995** a month.

Silver: Cost effective web hosting on high performance UNIX server, 60 MB disk storage for web content with additional disk space available in 10 MB increments, high-speed 10 Mbps Ethernet connection direct connection to BBN's network backbone at 45 Mbps or greater and 24-hour monitoring of the Internet connection to the server. Prices start at **\$295** a month with a **\$495** setup charge.

Bronze: For companies running their own server hardware and software, Bronze gives direct Internet backbone access with high-speed 10 Mbps Ethernet connection and 24x7 network monitoring and support. Prices range between **\$1,000** and **\$5,000** a month.

Web Advantage Dedicated NT runs on the Windows NT platform. Prices start at **\$2,295** a month.

DIAL-UP SERVICES

BBN Planet does not offer consumer dial-up service. BBN, however, does offer commercial dial-up services to large corporations and Internet service providers. Consumers may be able to use BBN's dial network by subscribing with one of its dial partners.

BBN Planet's DiaLinx is a private-label, bulk nationwide dial-up access service that provides businesses with a complete line of services to connect employees, customers, and business partners to the Internet and corporate intranets. Its

flexible, usage-based pricing allows organizations to better manage and forecast dial-up access costs and minimize dial-up start-up expenses.

DiaLinx

DiaLinx provides users with anytime, anywhere dial-up access to the Internet or private corporate networks. Customers can dial into more than 200 nationwide local access points or use 800 services to send and receive e-mail, browse the World Wide Web, access news groups and download files via 28.8 Kbps or ISDN lines. The BBN Planet Network Operations Center provides 24x7 monitoring including access port testing on a regular basis.

DiaLinx uses RADIUS authentication, and industry-standard security protocol, to verify users' authentication. DiaLinxsm pricing starts at **\$1.50 per hour** with volume discounts available.

DiaLinx Contact:

Patrick Kloepper
BBN Planet, Cambridge, MA
(617) 873-4000

FUTURE EXPANSION PLANS

BBN is continuing to expand and upgrade its web hosting services. BBN said April 18 that its web hosting business, which focuses on corporate customers with complex requirements, is rapidly becoming a key component of the company's commercial Internet value-added services business. Revenue growth averaged about 30 percent in the past several quarters from that sector. The company's web hosting services are particularly focused on the publishing and interactive newspaper, Internet-centric, high-technology, advertising, media and financial services industries. BBN provides web hosting services for some of the largest, most demanding customers on the Web, such as Ziff-Davis, Four11, GeoCities, United Media, and Wang. Large, complex sites like these can represent more than \$500,000 in revenue per customer for BBN's web hosting business, and the company has been making moves to ensure growth in that area continues.

In one of those moves, Tivoli Systems Inc. and BBN jointly announced in late April that BBN chose Tivoli's TME 10 (Tivoli Management Environment) software for systems management of the

BBN Planet web hosting business. The enterprise licensing agreement includes a variety of TME 10 products and support services.

BBN Planet will use TME 10 to configure, manage and monitor more than 500 distributed servers in multiple data centers. The server network is the core of BBN Planet's web hosting service. These are high-performance, high-reliability and high-bandwidth hosting services for organizations using the Web for business applications such as customer service and electronic commerce. TME 10 will allow quicker problem identification and resolution, faster installation of new tools, customer applications and system changes and shortened web server configuration and installation times, BBN Planet says.

On April 7, BBN announced a more than \$2 million agreement with ServiceNet to enable the company to provide secure, dial-up access to the Internet and private intranets. ServiceNet will be providing this access to customers in support of its value-added services.

BBN has worked with ServiceNet to build a virtual private internet (VPI), which ServiceNet will market to other companies. BBN is providing ServiceNet with extensive dial-up capacity through the network, as well as managed security services. ServiceNet, a joint venture of Andersen Consulting and BBN, was established in 1996 to provide customers with a network infrastructure and business processes for conducting electronic commerce and other business operations over the Internet.

BBN said the VPI has been implemented using a combination of Transmission Control Protocol (TCP) tunneling and encrypting firewalls over the Internet. This results in a secure direct connection between users and their corporate networks, while simultaneously providing seamless access to the Internet. A VPI provides a secure means of using the public Internet backbone as a viable channel for private communication.

DiaLinx DIAL-UP CITIES

This table lists the active DiaLinx cities by state, and includes the area code and exchange for each city. DiaLinx service can also be accessed nationwide at an additional charge via an 800 number.

NATIONAL BACKBONE OPERATORS — BBN

City	Area Code	Exchange	City	Area Code	Exchange	City	Area Code	Exchange
Paterson, NJ	201	279-xxxx	Chattanooga, TN	423	756-xxxx	St. Petersburg, FL	813	573-xxxx
Hackensack, NJ	201	342-xxxx	Little Rock, AR	501	219-xxxx	Erie, PA	814	456-xxxx
Morristown, NJ	201	397-xxxx	Fayetteville, AR	501	973-xxxx	Rockford, IL	815	229-xxxx
Newark, NJ	201	622-xxxx	Louisville, KY	502	583-xxxx	Kansas City, MO	816	283-xxxx
Washington, DC	202	222-xxxx	Portland, OR	503	273-xxxx	Fort Worth, TX	817	850-xxxx
Stamford, CT	203	324-xxxx	Salem, OR	503	316-xxxx	Woodlawn Hills, CA	818	227-xxxx
Bridgeport, CT	203	332-xxxx	New Orleans, LA	504	525-xxxx	Northbrook, IL	847	480-xxxx
Birmingham, AL	205	322-xxxx	Framingham, MA	508	270-xxxx	Gales Ferry, CT	860	464-xxxx
Huntsville, AL	205	533-xxxx	Worcester, MA	508	767-xxxx	Greenville, SC	864	242-xxxx
Everett, WA	206	261-xxxx	Brockton, MA	508	895-xxxx	Memphis, TN	901	761-xxxx
Seattle, WA	206	269-xxxx	Spokane, WA	509	623-xxxx	Daytona Beach, FL	904	252-xxxx
Portland, ME	207	842-xxxx	Fremont, CA	510	608-xxxx	Jacksonville, FL	904	353-xxxx
Boise, ID	208	381-xxxx	Concord, CA	510	609-xxxx	Pensacola, FL	904	484-xxxx
Stockton, CA	209	463-xxxx	Oakland, CA	510	704-xxxx	New Brunswick, NJ	908	435-xxxx
Modesto, CA	209	491-xxxx	San Ramon, CA	510	824-xxxx	Toms River, NJ	908	818-xxxx
New York, NY	212	238-xxxx	Austin, TX	512	464-xxxx	Red Bank, NJ	908	933-xxxx
Los Angeles, CA	213	229-xxxx	Corpus Christi, TX	512	692-xxxx	Elizabeth, NJ	908	964-xxxx
Dallas, TX	214	760-xxxx	Cincinnati, OH	513	621-xxxx	Rialto, CA	909	421-xxxx
Philadelphia, PA	215	246-xxxx	Des Moines, IA	515	323-xxxx	Ontario, CA	909	460-xxxx
Canton, OH	216	489-xxxx	Albany, NY	518	426-xxxx	Fayetteville, NC	910	435-xxxx
Akron, OH	216	535-xxxx	Tucson, AZ	520	620-xxxx	Savannah, GA	912	232-xxxx
Cleveland, OH	216	579-xxxx	Phoenix, AZ	602	605-xxxx	Macon, GA	912	475-xxxx
Youngstown, OH	216	747-xxxx	Portsmouth, NH	603	422-xxxx	White Plains, NY	914	422-xxxx
Champaign, IL	217	351-xxxx	Nashua, NH	603	594-xxxx	Poughkeepsie, NY	914	486-xxxx
Springfield, IL	217	789-xxxx	Binghamton, NY	607	763-xxxx	El Paso, TX	915	496-xxxx
South Bend, IN	219	282-xxxx	Atlantic City, NJ	609	347-xxxx	Sacramento, CA	916	650-xxxx
Frederick, MD	301	662-xxxx	Mercerville, NJ	609	584-xxxx	Chico, CA	916	899-xxxx
Wilmington, DE	302	576-xxxx	Reading, PA	610	655-xxxx	Tulsa, OK	918	582-xxxx
Denver, CO	303	628-xxxx	Allentown, PA	610	797-xxxx	Durham, NC	919	361-xxxx
Charleston, WV	304	340-xxxx	Bethlehem, PA	610	882-xxxx	Raleigh, NC	919	872-xxxx
Miami, FL	305	358-xxxx	Minneapolis, MN	612	321-xxxx	Fort Myers, FL	941	334-xxxx
Fort Lauderdale, FL	305	486-xxxx	Columbus, OH	614	222-xxxx	Sarasota, FL	941	362-xxxx
Inglewood, CA	310	342-xxxx	Nashville, TN	615	748-xxxx	Lakeland, FL	941	667-xxxx
Long Beach, CA	310	436-xxxx	Kalamazoo, MI	616	226-xxxx	Fort Collins, CO	970	226-xxxx
Chicago, IL	312	986-xxxx	Boston, MA	617	369-xxxx			
Detroit, MI	313	225-xxxx	San Diego, CA	619	533-xxxx			
Columbia, MO	314	499-xxxx	Carlsbad, CA	619	930-xxxx			
St. Louis, MO	314	516-xxxx	Las Vegas, NV	702	382-xxxx			
Syracuse, NY	315	442-xxxx	Falls Church, VA	703	207-xxxx			
Utica, NY	315	738-xxxx	Dale City, VA	703	730-xxxx			
Indianapolis, IN	317	977-xxxx	Leesburg, VA	703	779-xxxx			
Davenport, IA	319	333-xxxx	Charlotte, NC	704	342-xxxx			
Iowa City, IA	319	341-xxxx	Augusta, GA	706	722-xxxx			
Montgomery, AL	334	223-xxxx	Hinsdale, IL	708	241-xxxx			
Mobile, AL	334	432-xxxx	Houston, TX	713	567-xxxx			
Gainesville, FL	352	336-xxxx	Anaheim, CA	714	446-xxxx			
Olympia, WA	360	709-xxxx	Santa Ana, CA	714	480-xxxx			
Omaha, NE	402	233-xxxx	Rochester, NY	716	327-xxxx			
Lincoln, NE	402	435-xxxx	Buffalo, NY	716	843-xxxx			
Atlanta, GA	404	335-xxxx	Scranton, PA	717	341-xxxx			
Oklahoma City, OK	405	270-xxxx	Harrisburg, PA	717	720-xxxx			
Orlando, FL	407	648-xxxx	Camp Hill, PA	717	770-xxxx			
Palm Beach, FL	407	681-xxxx	York, PA	717	843-xxxx			
San Jose, CA	408	928-xxxx	Lancaster, PA	717	872-xxxx			
Beaumont, TX	409	981-xxxx	Provo, UT	801	343-xxxx			
Annapolis, MD	410	280-xxxx	Burlington, VT	802	651-xxxx			
Baltimore, MD	410	727-xxxx	Hilton Head, SC	803	341-xxxx			
Pittsburgh, PA	412	394-xxxx	Charleston, SC	803	722-xxxx			
Amherst, MA	413	256-xxxx	Columbia, SC	803	771-xxxx			
Springfield, MA	413	730-xxxx	Norfolk, VA	804	622-xxxx			
Milwaukee, WI	414	227-xxxx	Richmond, VA	804	675-xxxx			
Green Bay, WI	414	490-xxxx	Newport News, VA	804	826-xxxx			
Appleton, WI	414	830-xxxx	Bakersfield, CA	805	326-xxxx			
Palo Alto, CA	415	614-xxxx	San Luis Obispo, CA	805	782-xxxx			
San Francisco, CA	415	908-xxxx	Santa Barbara, CA	805	892-xxxx			
Springfield, MO	417	875-xxxx	Lubbock, TX	806	472-xxxx			
Toledo, OH	419	246-xxxx	Terre Haute, IN	812	234-xxxx			
Knoxville, TN	423	524-xxxx	Tampa, FL	813	247-xxxx			



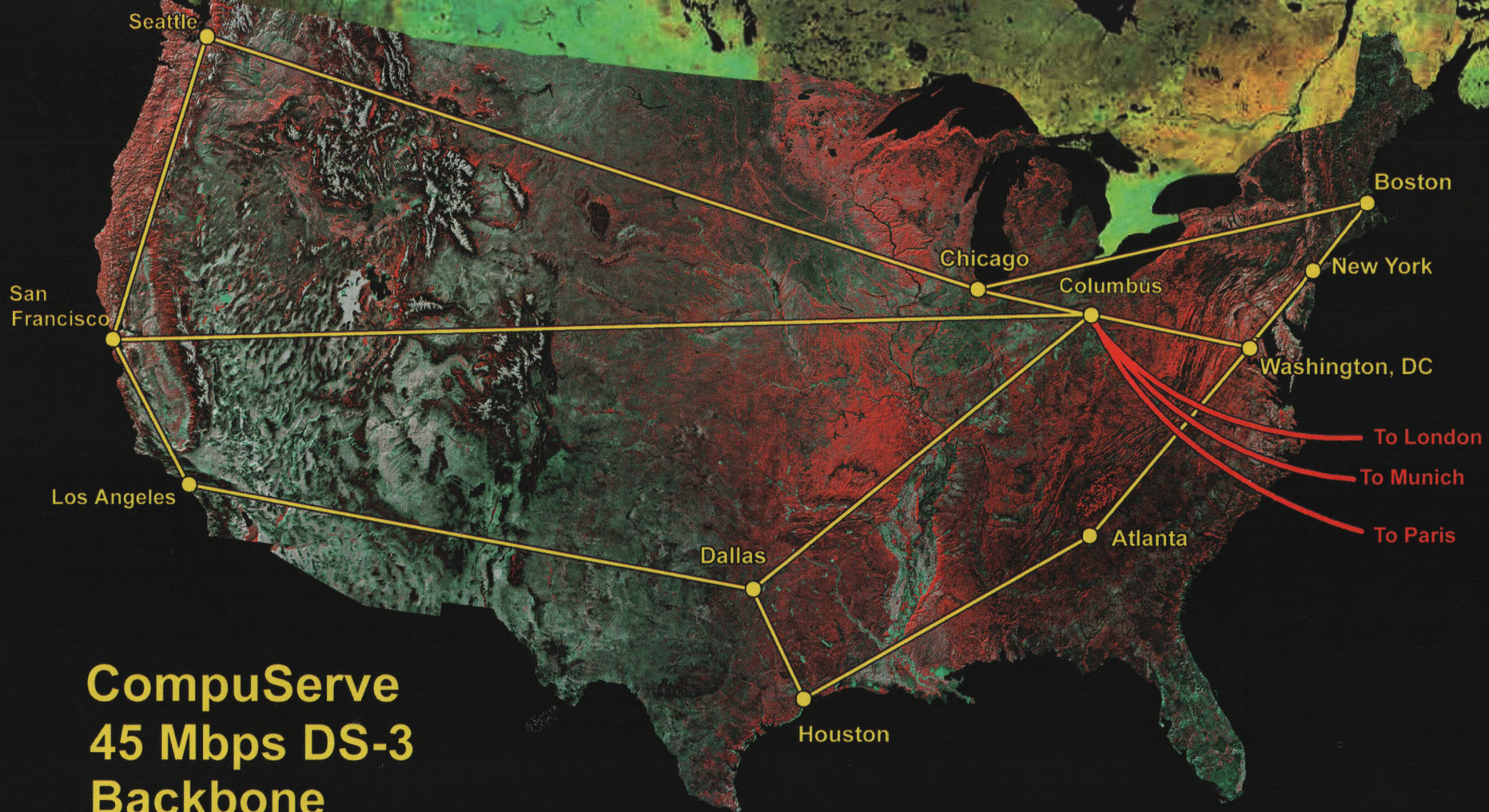
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CompuServe
45 Mbps DS-3
Backbone

CompuServe NETWORK SERVICES

Hilliard, Ohio

HISTORY

CompuServe Network Services has been providing network products in managed data services and application-hosting since 1982. CompuServe offers Internet services that include: firewall security, web integration, dial and dedicated Internet access and private IP services for accessing TCP/IP-based company resources.

The company completed construction of a new \$300 million TCP/IP backbone in late 1996. With over 1,000 customers, the global CompuServe Network Services network currently boasts over 500 points of presence (POPs) and 100,000 dial ports, all of which support 28.8 Kbps local dial speeds and PPP access for connecting to the public Internet or virtual private TCP/IP networks. The scope of this effort is significant — a total of 42,000 dial ports were present worldwide when the upgrade began on May 1, 1995. At the time, there was minimal U.S.-only support for 28.8 Kbps dial access.

ISDN support is currently available in more than 20 U.S. cities and in London, England and Munich, Germany. CompuServe Network Services is also developing services to leverage wireless and

cable technology. CompuServe currently has 411 POPs in the United States, and 104 POPs throughout Europe and the rest of the world.

CompuServe announced on February 17 that Robert J. Massey resigned as president and CEO effective immediately. Frank L. Salizzoni, CompuServe's chairman and the president and chief executive officer of H&R Block Inc., which owns about 80 percent of CompuServe, took over Massey's role, splitting his time with H&R Block. A search was underway for Massey's replacement. Massey joined CompuServe in 1976 as a salesman. He rose to the position of executive vice president of the Network Services division and became president and CEO in June 1995, when former president and CEO Maurice A. Cox resigned effective immediately.

The online service company had been posting disappointing results with its stock falling about 64 percent since it went public in April 1996 for \$30 a share. In November, CompuServe scrapped its WOW! family service saying it would focus on the business and international markets, conceding U.S. consumers to rivals. Some market analysts speculate that H&R Block might

split the company into a consumer service and a network service then sell the parts separately. Salizzoni said at the end of February the top priority for CompuServe was to stabilize its earnings and return the company to profitability. Price wars and higher marketing costs injured the online service division of the company as America Online and Microsoft spent hundreds of millions of dollars on marketing without making money.

COMPANY DESCRIPTION

Executive VP: Peter Van Camp

NYSE: CSRV

Business Dedicated Access Accounts: 1,079

Annual Revenues for Internet Related Operations: \$633.9 million (last 9 months fiscal year 1996)

Earnings: - \$101.8 million (last 9 months fiscal year 1996)

Total Dial-up Ports: 100,000

Total POPs: 515

Number of Employees: 1,200 (CNS only)

Internet Headquarters: 500 Britton Road, Hilliard, OH 43026

Voice: (614) 457-8600

Facsimile: (614) 538-4660

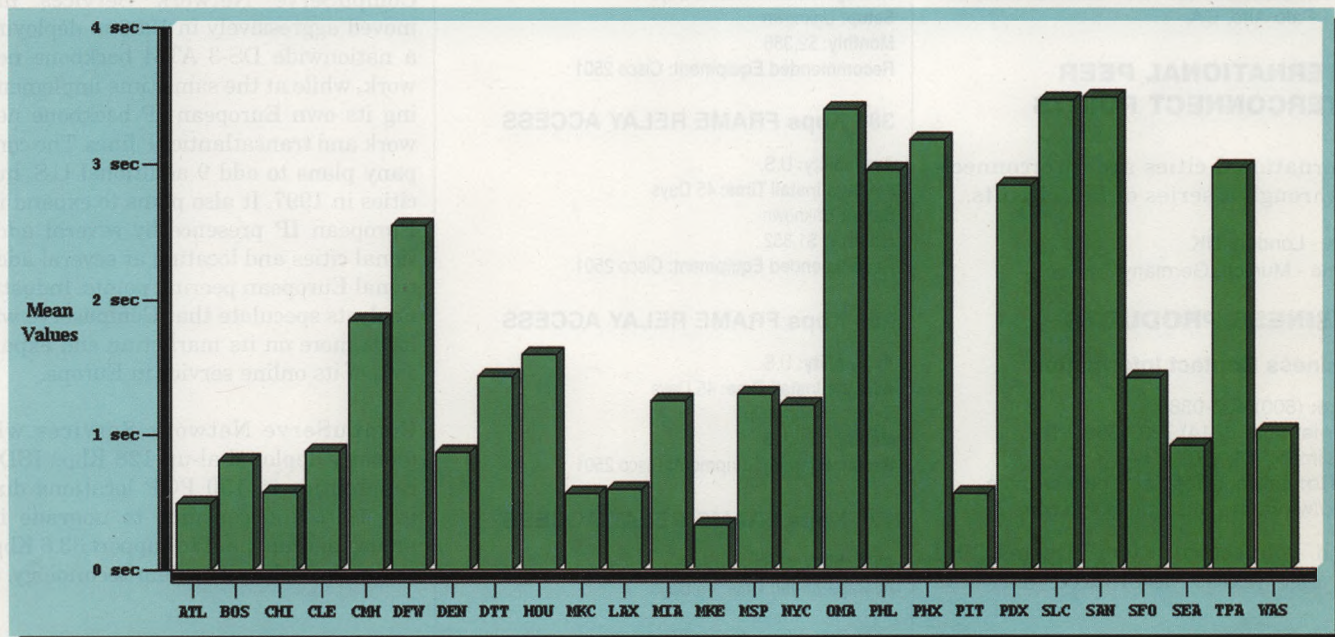
MailTo: Unknown

http://www.network.compuserve.com

CompuServe

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 58324

AVERAGE: 1.543 sec
DEVIATION: 13.735 sec



CURRENT BACKBONE ARCHITECTURE

CompuServe Network Service's U.S. backbone network is a fully meshed, redundant, T-3 network based on StrataCom BPX ATM switches and Cisco 75xx routers. The European IP backbone is a fully meshed, redundant network based on multiple E-1 circuits and Cisco 75xx routers. CompuServe Network Services connects the U.S. and European backbones via leased transatlantic circuits. Each backbone POP has an uninterruptible power supply, in a physically secure location, and is monitored 24x7 by the network control center.

24-hour NOC telephone:
(800) 878-8980

U.S. BACKBONE CITIES

Atlanta, GA	Los Angeles, CA
Boston, MA	New York, NY
Chicago, IL	San Francisco, CA
Columbus, OH	Seattle, WA
Dallas, TX	Washington, DC
Houston, TX	

MAJOR INTERNATIONAL BACKBONE CITIES

London, England
Paris, France
Munich, Germany

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Washington, DC
MAE West - San Jose, CA
Ameritech Chicago NAP - Chicago, IL
Pac Bell San Francisco NAP - San Francisco, CA
CIX - Palo Alto, CA

INTERNATIONAL PEER INTERCONNECT POINTS

International cities are interconnected through a series of E-1 circuits.

LINX - London, UK
Ebony - Munich, Germany

BUSINESS PRODUCTS

Business Contact Information

Voice: (800) 433-0389
International: (614) 723-1356
Facsimile: (614) 723-1643
MailTo: networkinfo@csi.compuserve.com
http://www.network.compuserve.com

With connectivity for Internet and intranet access, local area networks

(LANs), host computers, personal computers and transaction authorization services, CompuServe offers:

- Virtual Private Networking
- Managed Data Network Services
- Integrated Communications Products (Remote LAN Access)
- Application Based Network Services (groupware)
- X.25 Packet Services
- FRAME-Net Frame Relay Services
- Internet/Intranet Services
- Transaction Authorization Services
- Support Services
- Application Hosting Services for Lotus Notes & WWW
- IBM Enhanced Services (protocol conversion services for dial-up access to IBM environments)

NxT-1 LEASED LINE ACCESS

Up to 4 T-1s may be combined between the customer's site and CompuServe's POP to provide load balancing across the multiple T-1 lines. Outbound traffic is distributed on a per-destination basis between the T-1s.

Availability: U.S.
Average Install Time: 45 Days
Setup: Unknown
Monthly: \$2,700 per T-1
Recommended Equipment: Cisco 4500

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: U.S.
Average Install Time: 45 Days
Setup: Unknown
Monthly: \$2,700
Recommended Equipment: Cisco 2501

512 Kbps FRAME RELAY ACCESS

Availability: U.S.
Average Install Time: 45 Days
Setup: Unknown
Monthly: \$2,386
Recommended Equipment: Cisco 2501

384 Kbps FRAME RELAY ACCESS

Availability: U.S.
Average Install Time: 45 Days
Setup: Unknown
Monthly: \$1,852
Recommended Equipment: Cisco 2501

256 Kbps FRAME RELAY ACCESS

Availability: U.S.
Average Install Time: 45 Days
Setup: Unknown
Monthly: \$1,318
Recommended Equipment: Cisco 2501

128 Kbps FRAME RELAY ACCESS

Availability: U.S.
Average Install Time: 45 Days

Setup: Unknown
Monthly: \$809
Recommended Equipment: Cisco 2501

56 Kbps FRAME RELAY ACCESS

Availability: U.S.
Average Install Time: 45 Days
Setup: Unknown
Monthly: \$368
Recommended Equipment: Cisco 2501

CONSUMER PRODUCTS

CompuServe offers two consumer-based products. The first is CompuServe Interactive, a comprehensive source of organized business and educational information online. The second, SpryNet, is for those seeking Internet-only services. For additional information regarding either service see CompuServe's web page at <http://www.compuserve.com>.

CompuServe Interactive Pricing

Two Plans are currently offered:

Monthly: \$9.95 for five hours
Additional hours: \$2.95 an hour

Monthly: \$24.95 for 20 hours
Additional hours: \$1.95 an hour

SpryNet Pricing

Unlimited Internet: \$19.95 per month
Standard Internet: \$9.95 per month for 7 hours of Internet access, \$1.95 for each additional hour
Economy Internet: \$4.95 per month for 3 hours of Internet access, \$1.95 for each additional hour
Voice Order Line: (800) 848-8990

FUTURE EXPANSION PLANS

CompuServe Network Services has moved aggressively in 1996 in deploying a nationwide DS-3 ATM backbone network, while at the same time implementing its own European IP backbone network and transatlantic IP lines. The company plans to add 9 additional U.S. hub cities in 1997. It also plans to expand its European IP presence by several additional cities and locating at several additional European peering points. Industry analysts speculate that Compuserve will focus more on its marketing and expansion of its online service in Europe.

CompuServe Network Services will globally deploy dial-up 128 Kbps ISDN capabilities in 150 POP locations during 1997 and continue to upgrade its analog dial-up plant to support 33.6 Kbps and new 56 Kbps modem technology. ♦

U.S. DIAL-UP POPs

CompuServe 800 Numbers

CompuServe 800-331-7166
 CompuServe 800-473-6282
 CompuServe 800-848-4480

City	State	Phone
Ridgewood	NJ	201-251-7865
Newark	NJ	201-623-5666
Rochelle Park	NJ	201-712-0479
Montclair	NJ	201-783-0644
Franklin	NJ	201-827-0636
Wayne	NJ	201-872-9576
Morristown	NJ	201-984-5113
Washington	DC	202-547-0103
Stamford	CT	203-324-1115
East Haven	CT	203-397-0512
Westport	CT	203-454-7935
Danbury	CT	203-744-4640
Waterbury	CT	203-756-6368
Bridgeport	CT	203-929-4918
Winnipeg	MB	204-489-9747
Huntsville	AL	205-533-0196
Tuscaloosa	AL	205-562-0062
Florence	AL	205-760-8580
Birmingham	AL	205-933-6212
Seattle	WA	206-269-0538
Everett	WA	206-303-8377
Seattle	WA	206-515-6000
Tacoma	WA	206-922-1246
Portland	ME	207-775-6249
Bangor	ME	207-941-9904
Pocatello	ID	208-232-0123
Boise	ID	208-344-3712
Ketchum	ID	208-788-3433
Fresno	CA	209-453-1487
Stockton	CA	209-462-0103
Modesto	CA	209-578-6524
Brownsville	TX	210-233-1241
Edinburg	TX	210-318-5767
Laredo	TX	210-725-9163
San Antonio	TX	210-736-8645
New York	NY	212-593-3972
New York	NY	212-766-2080
Los Angeles	CA	213-624-3730
Dallas	TX	214-720-9183
Dallas	TX	214-953-1152
Philadelphia	PA	215-561-1634
Cleveland	OH	216-781-7598
Champaign	IL	217-356-1082
Decatur	IL	217-422-3026
Springfield	IL	217-789-9412
Duluth	MN	218-722-0017
Warsaw	IN	219-267-1463
South Bend	IN	219-271-0016
Ft. Wayne	IN	219-447-9258
Elkhart	IN	219-522-6127
Gary	IN	219-981-5200
Hyattsville	MD	301-403-1687
Frederick	MD	301-682-3260
Wilmington	DE	302-452-1448
Rehoboth Beach	DE	302-945-5245
Denver	CO	303-595-0123
Longmont	CO	303-684-9225
Wheeling	WV	304-233-9508
Morgantown	WV	304-291-6783
Charleston	WV	304-342-0153
Parkersburg	WV	304-424-6003
Huntington	WV	304-733-0026
Miami	FL	305-262-9325
Key West	FL	305-294-5979
Saskatoon	SK	306-242-4660
Regina	SK	306-352-7168
Casper	WY	307-266-2392
Cheyenne	WY	307-632-0486
Jackson	WY	307-739-2280

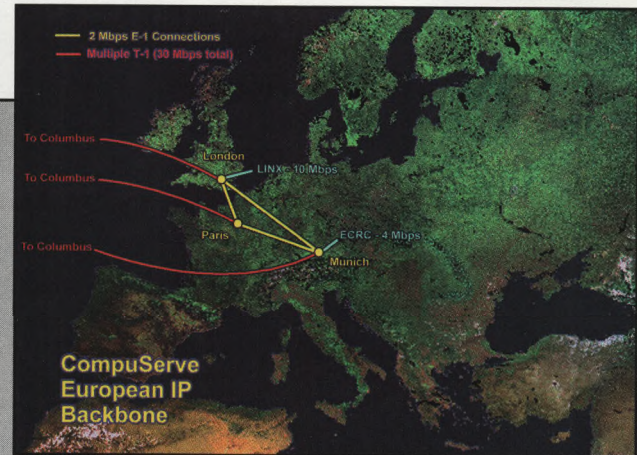
City	State	Phone	City	State	Phone
Laramie	WY	307-742-2320	San Francisco	CA	415-434-1580
Peoria	IL	309-688-9500	San Rafael	CA	415-444-5200
Bloomington	IL	309-829-0156	San Mateo	CA	415-802-0130
Lawndale	CA	310-370-2831	San Francisco	CA	415-982-0401
Santa Monica	CA	310-390-4188	Toronto	ON	416-367-8122
Long Beach	CA	310-989-7012	Branson	MO	417-339-3550
Chicago	IL	312-201-0711	Springfield	MO	417-887-8767
Chicago	IL	312-849-3457	Quebec City	QC	418-649-7082
Detroit	MI	313-535-1466	Toledo	OH	419-242-5706
Ann Arbor	MI	313-761-9300	Findlay	OH	419-420-7200
St. Louis	MO	314-421-5651	Kingsport	TN	423-239-0052
Syracuse	NY	315-451-8093	Johnson City	TN	423-434-0590
Utica	NY	315-737-0114	Knoxville	TN	423-558-8180
Wichita	KS	316-269-3625	Chattanooga	TN	423-892-7064
Muncie	IN	317-281-0095	Little Rock	AR	501-376-8544
Lafayette	IN	317-476-5300	Fayetteville	AR	501-521-3774
Indianapolis	IN	317-638-8129	Ft. Smith	AR	501-785-0047
Kokomo	IN	317-864-6500	Louisville	KY	502-568-6250
Richmond	IN	317-935-3590	Owensboro	KY	502-691-0011
Lafayette	LA	318-234-0416	Portland	OR	503-274-6400
Monroe	LA	318-322-0412	Salem	OR	503-362-0358
Shreveport	LA	318-424-1897	Baton Rouge	LA	504-383-9998
Lake Charles	LA	318-433-6737	New Orleans	LA	504-585-1120
Alexandria	LA	318-445-0020	Albuquerque	NM	505-268-8748
Davenport	IA	319-322-6898	Farmington	NM	505-326-5338
Iowa City	IA	319-337-9844	Las Cruces	NM	505-541-4549
Cedar Rapids	IA	319-362-4075	Los Alamos	NM	505-662-6971
St. Cloud	MN	320-202-6500	Santa Fe	NM	505-995-0068
Canton	OH	330-454-1155	Rochester	MN	507-252-9800
Ravenna	OH	330-677-7780	Mankato	MN	507-388-4240
Akron	OH	330-836-0679	Medfield	MA	508-359-7603
Youngstown	OH	330-965-6800	Westborough	MA	508-366-2617
Montgomery	AL	334-270-5845	Concord	MA	508-371-0354
Mobile	AL	334-660-6948	Groton	MA	508-448-8616
Dothan	AL	334-702-8257	Mendon	MA	508-478-0653
Gainesville	FL	352-371-0661	Newburyport	MA	508-499-0062
Blaine	WA	360-332-2134	Medway	MA	508-533-2722
Olympia	WA	360-352-0335	Hudson	MA	508-568-8019
Vancouver	WA	360-604-6016	Brockton	MA	508-588-3585
Providence	RI	401-435-1100	Framingham	MA	508-628-9439
Omaha	NE	402-343-2042	Gardner	MA	508-630-1002
Lincoln	NE	402-474-2316	Billerica	MA	508-667-1765
Calgary	AB	403-294-9120	Fall River	MA	508-674-1377
Edmonton	AB	403-440-2744	Lawrence	MA	508-725-0155
Atlanta	GA	404-814-9138	Worcester	MA	508-849-1000
Atlanta	GA	404-841-0578	Maynard	MA	508-897-4746
Lawton	OK	405-355-8118	Spokane	WA	509-326-0318
Stillwater	OK	405-742-4600	Oakland	CA	510-251-8304
Oklahoma City	OK	405-942-7278	Livermore	CA	510-606-9460
Billings	MT	406-259-0299	Pleasant Hill	CA	510-682-2055
Helena	MT	406-449-0083	Hayward	CA	510-889-6009
Melbourne	FL	407-723-0215	Austin	TX	512-326-1155
Orlando	FL	407-896-6122	Corpus Christi	TX	512-887-2891
Kissimmee	FL	407-932-0018	Cincinnati	OH	513-771-0592
Santa Cruz	CA	408-462-9666	Montreal	QC	514-879-5826
Monterey	CA	408-648-0139	Des Moines	IA	515-276-7231
Salinas	CA	408-754-1858	Williston Park	NY	516-222-8050
Santa Clara	CA	408-980-1044	Jericho	NY	516-932-3198
Lufkin	TX	409-633-0001	Lake Ronkonkoma	NY	516-981-0029
College Station	TX	409-696-4488	Lansing	MI	517-332-7141
Conroe	TX	409-756-8219	Saginaw	MI	517-753-5100
Galveston	TX	409-766-1133	Jackson	MI	517-780-9025
Beaumont	TX	409-835-0397	Albany	NY	518-464-5457
Annapolis	MD	410-266-9547	London	ON	519-663-1880
Baltimore	MD	410-494-8403	Kitchener	ON	519-741-1100
Salisbury	MD	410-749-2484	Sierra Vista	AZ	520-459-5955
Butler	PA	412-285-2194	Yuma	AZ	520-539-0019
Pittsburgh	PA	412-471-6417	Tucson	AZ	520-571-0207
Amherst	MA	413-549-6024	Purcellville	VA	540-338-6900
Springfield	MA	413-747-4460	Roanoke	VA	540-362-1126
Sheboygan	WI	414-451-1832	Fredericksburg	VA	540-374-5115
Milwaukee	WI	414-453-3010	Radford	VA	540-633-6000
Green Bay	WI	414-498-8874	Staunton	VA	540-851-1700
Appleton	WI	414-830-8352	Eugene	OR	541-689-6031
San Francisco	CA	415-296-9513	Medford	OR	541-857-2917

NATIONAL BACKBONE OPERATORS — CompuServe

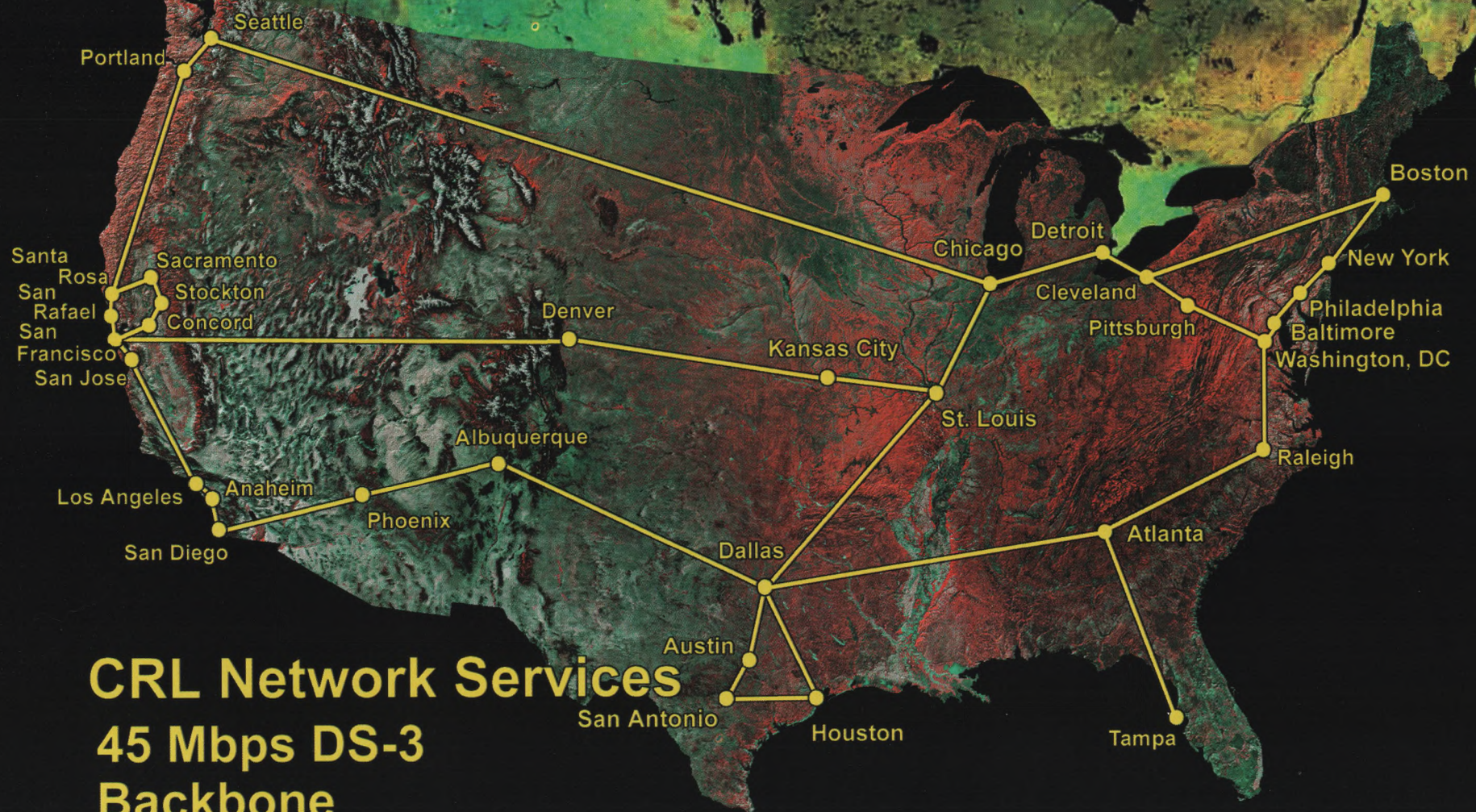
City	State	Phone	City	State	Phone	City	State	Phone
Albany	OR	541-924-9486	Rochester	NY	716-254-1390	Hartford	CT	860-727-8708
Vero Beach	FL	561-567-1588	Niagara Falls	NY	716-278-3600	Spartanburg	SC	864-585-0337
West Palm Beach	FL	561-624-7451	Buffalo	NY	716-633-0562	Greenville	SC	864-676-9228
Columbia	MO	573-499-9540	Tonawanda	NY	716-694-5551	Memphis	TN	901-454-6851
Jefferson City	MO	573-761-5625	Limestone	NY	716-925-7351	Halifax	NS	902-457-0669
Jackson	MS	601-352-5182	Carlisle	PA	717-243-6477	Tyler	TX	903-509-0680
Gulfport	MS	601-863-1368	Harrisburg	PA	717-541-0210	Longview	TX	903-753-0596
Phoenix	AZ	602-468-0285	Lancaster	PA	717-581-9500	Texarkana	TX	903-832-1066
Concord	NH	603-225-7322	York	PA	717-755-5060	Daytona Beach	FL	904-238-5354
Manchester	NH	603-666-4266	Wilkes Barre	PA	717-822-3315	Tallahassee	FL	904-422-9604
Nashua	NH	603-886-6080	Scranton	PA	717-961-2759	Pensacola	FL	904-433-1828
Victoria	BC	604-479-9452	Colorado Springs	CO	719-522-1049	Jacksonville	FL	904-730-0046
Vancouver	BC	604-739-8194	Pueblo	CO	719-546-1574	Panama City	FL	904-763-2907
Rapid City	SD	605-348-1664	Norfolk	VA	757-855-6499	Hamilton	ON	905-529-4601
Lexington	KY	606-254-6557	Williamsburg	VA	757-887-5377	Fairbanks	AK	907-458-8988
Ithaca	NY	607-257-4264	Chicago	IL	773-693-4100	Anchorage	AK	907-562-3835
Binghamton	NY	607-773-3111	San Juan	PR	787-722-0995	Woodbridge	NJ	908-632-9384
Madison	WI	608-256-6716	Provo	UT	801-375-1748	Boundbrook	NJ	908-764-0925
La Crosse	WI	608-784-9466	Salt Lake City	UT	801-521-9777	Hackettstown	NJ	908-852-0303
Millville	NJ	609-327-2898	Kaysville	UT	801-544-3791	Toms River	NJ	908-914-1954
Princeton	NJ	609-497-2384	Park City	UT	801-649-0121	Eatontown	NJ	908-935-0137
Trenton	NJ	609-530-1517	Manchester Center	VT	802-362-2264	Riverside	CA	909-358-0205
Atlantic City	NJ	609-641-1460	Burlington	VT	802-860-0550	Pomona	CA	909-865-0553
Cherry Hill	NJ	609-667-8865	Myrtle Beach	SC	803-448-4350	San Bernardino	CA	909-882-6646
Berlin	NJ	609-753-4700	Charleston	SC	803-763-3423	Greensboro	NC	910-292-3461
Norristown	PA	610-277-1301	Columbia	SC	803-776-2229	Wilmington	NC	910-392-5543
Reading	PA	610-374-4450	Hilton Head	SC	803-842-7007	Burlington	NC	910-584-5823
Allentown	PA	610-530-4032	Richmond	VA	804-287-8566	Winston-Salem	NC	910-724-9748
Minneapolis	MN	612-339-1805	Charlottesville	VA	804-295-2846	Fayetteville	NC	910-860-8600
Orleans	ON	613-841-0400	Lynchburg	VA	804-847-2501	Thomasville	GA	912-226-6822
Newark	OH	614-349-1000	Bakersfield	CA	805-324-4303	Brunswick	GA	912-265-0527
Delaware	OH	614-363-9395	Thousand Oaks	CA	805-499-6110	Savannah	GA	912-353-8559
Marietta	OH	614-376-5700	San Luis Obispo	CA	805-544-0137	Albany	GA	912-435-1540
Cambridge	OH	614-439-3032	Ventura	CA	805-644-7860	Warner Robins	GA	912-922-2179
Athens	OH	614-594-7800	Santa Maria	CA	805-937-5490	Topeka	KS	913-232-1317
Lancaster	OH	614-689-4400	Lancaster	CA	805-948-7298	Lawrence	KS	913-749-2900
Dublin	OH	614-717-9700	Santa Barbara	CA	805-968-8210	Manhattan	KS	913-776-9665
Dublin	OH	614-764-2957	Oxnard	CA	805-985-2514	Middletown	NY	914-343-4646
Nashville	TN	615-367-0014	Amarillo	TX	806-345-2782	Poughkeepsie	NY	914-485-1203
Clarksville	TN	615-647-2859	Lubbock	TX	806-797-0479	White Plains	NY	914-761-9780
Holland	MI	616-355-5600	Honolulu	HI	808-528-0430	Midland	TX	915-563-0009
Kalamazoo	MI	616-373-3750	Maui	HI	808-877-6041	Abilene	TX	915-698-9650
Benton Harbor	MI	616-927-0003	Flint	MI	810-238-8555	El Paso	TX	915-771-9669
Traverse City	MI	616-933-3400	Troy	MI	810-244-8740	San Angelo	TX	915-942-6680
Grand Rapids	MI	616-956-0075	Pontiac	MI	810-335-2680	Redding	CA	916-222-0298
Boston	MA	617-338-0093	Mt. Clemens	MI	810-468-1301	So. Lake Tahoe	CA	916-541-0151
Boston	MA	617-426-9295	Terre Haute	IN	812-235-1800	Sacramento	CA	916-568-0241
Cambridge	MA	617-661-7071	Bloomington	IN	812-330-1424	Davis	CA	916-661-9296
San Diego	CA	619-467-9508	Columbus	IN	812-348-7000	Chico	CA	916-897-5900
San Marcos	CA	619-471-5268	Evansville	IN	812-426-7112	Bartlesville	OK	918-336-5283
Chula Vista	CA	619-585-0309	Tampa	FL	813-229-3200	Tulsa	OK	918-621-1036
Encinitas	CA	619-753-0235	St. Petersburg	FL	813-896-8007	Raleigh	NC	919-664-5848
Palm Springs	CA	619-778-3524	State College	PA	814-231-0252	Durham	NC	919-687-4049
Lombard	IL	630-261-0040	Somerset	PA	814-443-1477	Goldsboro	NC	919-751-3200
Aurora	IL	630-801-9468	Erie	PA	814-864-5184	Chapel Hill	NC	919-929-0443
Fargo	ND	701-241-4457	Rockford	IL	815-226-9871	Dayton	OH	937-224-4576
Reno	NV	702-322-8968	Joliet	IL	815-723-0167	Marysville	OH	937-642-3940
Las Vegas	NV	702-796-4877	Dekalb	IL	815-748-2705	Winter Haven	FL	941-291-4038
Manassas	VA	703-335-1259	Kankakee	IL	815-939-0129	Ft. Myers	FL	941-334-9270
Fairfax	VA	703-359-3916	Kansas City	MO	816-221-3817	Naples	FL	941-566-7015
Fairfax	VA	703-591-0461	Kansas City	MO	816-502-1098	Lakeland	FL	941-646-0239
Reston	VA	703-934-2267	Denton	TX	817-484-0037	Sarasota	FL	941-951-6755
Charlotte	NC	704-358-8991	Ft. Worth	TX	817-685-2737	Deerfield Beach	FL	954-426-0228
Asheville	NC	704-684-0773	Killeen	TX	817-690-6702	Ft. Lauderdale	FL	954-489-0001
Columbus	GA	706-321-8805	Waco	TX	817-751-9590	Ft. Collins	CO	970-229-0246
Athens	GA	706-353-6120	Monrovia	CA	818-303-3869	Grand Junction	CO	970-241-5116
Augusta	GA	706-722-3361	N. Hollywood	CA	818-752-8045	Durango	CO	970-259-3017
Napa	CA	707-257-0234	Van Nuys	CA	818-988-9791	Greeley	CO	970-356-6538
Santa Rosa	CA	707-579-1588	Deerfield	IL	847-267-9120	Loveland	CO	970-667-7681
Vallejo	CA	707-645-1534	Libertyville	IL	847-549-0309	Dillon	CO	970-668-3384
Sioux City	IA	712-258-8432	Evansston	IL	847-733-1050	Steamboat Springs	CO	970-870-0501
Houston	TX	713-650-5143	Schaumburg	IL	847-781-6962	Aspen	CO	970-920-4565
Houston	TX	713-718-9541	Lakeville	CT	860-435-4020	Glenwood Springs	CO	970-928-0507
Irvine	CA	714-252-1131	New London	CT	860-437-5100	Vail	CO	970-949-4614
Irvine	CA	714-261-0583	Deep River	CT	860-526-8600			
Anaheim	CA	714-563-9431	Stafford	CT	860-684-8800			

CompuServe International POPs

COUNTRY	LOCATIONS	PHONE NUMBER	BAUD	RATE
Australia	Adelaide	(61) 08 379 7466	14400	
	Adelaide	(61) 08 338 2499	14400	28800
	Brisbane	(61) 07 3210 0180	14400	28800
	Canberra	(61) 06 257 4137	14400	
	Canberra	(61) 06 249 8496	14400	28800
	Darwin	(61) 08 8932 6610	14400	28800
	Gold Coast	(61) 07 5574 1580	14400	28800
	Hobart	(61) 03 6234 4504	14400	28800
	Melbourne	(61) 03 9501 0144	14400	
	Melbourne	(61) 03 9501 0288	14400	28800
	Newcastle	(61) 49 654 412	14400	28800
	Perth	(61) 09 321 4066	14400	28800
	Perth	(61) 09 321 5233	14400	28800
	Sydney	(61) 02 9415 1324	14400	
	Sydney	(61) 02 9415 3155	14400	28800
Austria	Vienna	(43) 1 505 6178	14400	28800
	Salzburg	(43) 0662 4678	14400	28800
Belgium	Antwerp	(32) 03 206 2011	14400	28800
	Brussels	(32) 02 726 8830	14400	28800
Denmark	Copenhagen	(45) 36445464	14400	28800
Finland	Helsinki	(358) 9 615235	14400	28800
France	Bordeaux	(33) 05 56121767	14400	28800
	Grenoble	(33) 04 76225052	14400	28800
	Lille	(33) 03 2091 8780	14400	28800
	Lyon	(33) 04 72419789	14400	28800
	Marseilles	(33) 04 91994600	14400	28800
	Nancy	(33) 03 83445959	14400	28800
	Nantes	(33) 02 401311 07	14400	28800
	Nice	(33) 04 92290016	14400	28800
	Paris	(33) 01 41880840	14400	28800
	Paris	(33) 01 47080708	14400	28800
	Paris	(33) 01 41391980	ISDN- Max 57600	
	Rennes	(33) 02 99261000	14400	28800
	Rouen	(33) 02 35598888	14400	28800
	Strasbourg	(33) 03 88790420	14400	28800
	Toulouse	(33) 05 61714955	14400	28800
	Tours	(33) 02 47290808	14400	28800
Germany	Berlin	(49) 030 691000	14400	28800
	Berlin	(49) 030 690820	ISDN- Max 57600	
	Cologne	(49) 0221 2406202	14400	28800
	Cologne	(49) 0221 924350	ISDN- Max 57600	
	Dortmund	(49) 0231 4461032	14400	28800
	Dortmund	(49) 0231 44950	ISDN- Max 57600	
	Dresden	(49) 351 88270	ISDN- Max 57600	
	Duesseldorf	(49) 0211 4792424	14400	28800
	Duesseldorf	(49) 0211 94260	ISDN- Max 57600	
	Frankfurt	(49) 069 20976	14400	28800
	Frankfurt	(49) 069 920640	ISDN- Max 57600	
	Hamburg	(49) 040 6913666	14400	28800
	Hamburg	(49) 040 611410	ISDN- Max 57600	
	Hannover	(49) 0511 7242909	14400	28800
	Hannover	(49) 0511 72600	ISDN- Max 57600	
	Karlsruhe	(49) 0721 859818	14400	28800
	Mannheim	(49) 0621 1569000	14400	28800
	Mannheim	(49) 0621 16840	ISDN- Max 57600	
	Munich	(49) 089 66559393	14400	28800
	Munich	(49) 089615 00140	ISDN- Max 57600	
	Nuremberg	(49) 0911 5191500	14400	28800
	Nuremberg	(49) 0911 95120	ISDN- Max 57600	
	Stuttgart	(49) 0711 450080	14400	28800
	Stuttgart	(49) 0711 16740	ISDN- Max 57600	



COUNTRY	LOCATIONS	PHONE NUMBER	BAUD	RATE
Hong Kong	Hong Kong	(852) 3002 8332	14400	28800
Hungary	Budapest	(36) 1 2919999		
Ireland	Dublin	(353) 01 406 0100	14400	28800
Italy	Milan	(39) 02 22479532	14400	28800
	Rome	(39) 06 51957347	14400	28800
Japan	Tokyo	(81) 03 5471 4790		
	Tokyo	(81) 03 5471 7650	14400	
Luxembourg	Luxembourg	(352) 349933	14400	28800
Mexico	Guadalajara	(52) 3 1221818	14400	28800
	Mexico City	(52) 5 629 8100	14400	28800
	Mexico City	(52) 5 262 0000	14400	28800
	Monterrey	(52) 8 369 4880	14400	28800
	Puebla	(52) 2 237 2600	14400	28800
Netherlands	Nationwide	91 800 72000 +	14400	28800
	Amsterdam	(31) 020 688 0085	14400	28800
	Amsterdam	(31) 020 684 7547	ISDN- Max 57600	
New Zealand	Zoetermeer	(31) 079 320 1000	14400	28800
	Auckland	(64) 09 357 6642	14400	28800
	Christchurch	(64) 03 365 4621	14400	28800
Norway	Dunedin	(64) 03 477 8839	14400	28800
	Hamilton	(64) 07 838 9966	14400	28800
	Wellington	(64) 04 473 7949	14400	28800
Norway	Oslo	(47) 22 008900	14400	28800
Puerto Rico	San Juan	(1) 809 722 0995	14400	28800
Spain	Barcelona	(34) 3 487 3888	14400	28800
	Madrid	(34) 1 577 0686	14400	28800
	Madrid	(34) 1 575 9030	14400	28800
Sweden	Outside Stockholm	020 0882 000+	14400	28800
	Stockholm (North.)	(46) 8 566 12000	14400	28800
	Stockholm (South)	(46) 8 506 12000	14400	28800
Switzerland	Basel	(41) 061 3321130	14400	28800
	Bern	(41) 031 3826060	14400	28800
	Geneva	(41) 022 738 9740	14400	28800
	Ost-Schweiz	(41) 071 666 8610	14400	28800
	Ost-Schweiz	(41) 071 666 8620	ISDN- Max 57600	
U. Kingdom	Zurich	(41) 01 630 5050	14400	28800
	Zurich	(41) 01 272 1693	ISDN- Max 57600	
	Birmingham	(44) 0121 742 2200	14400	28800
U. Kingdom	Bristol	(44) 0117 980 0000	14400	28800
	Crawley	(44) 01293 570000	14400	28800
	Edinburgh	(44) 0131 557 5888	14400	28800
	Glasgow	(44) 0141 847 0000	14400	28800
	Leeds	(44) 01924 230 000	14400	28800
	London	(44) 0171 570 5000	14400	28800
	London	(44) 0171 574 0460	ISDN- Max 57600	
	Manchester	(44) 0161 491 1199	14400	28800
	Reading	(44) 01189 581818	14400	28800
	Nationwide	(44) 08450801000	14400	28800
	Nationwide	(44) 08450801100	ISDN- Max 57600	



CRL Network Services
45 Mbps DS-3
Backbone

CRL Network Services San Francisco, California

HISTORY

CRL Network Services formed in 1983 with its first point of presence in Kentfield, California to provide timesharing on Motorola-based UNIX computers. By 1984 CRL had 1,000 UNIX shell-account subscribers. In 1991, the company established a 56 Kbps line to the Internet, and began constructing some of the first remote dial-up points of presence (POPs) to access the Internet.

By 1993 CRL was making Frame Relay Internet service available nationwide and had constructed a network operations center (NOC). CRL connected directly to the fiber optic networks of all regional Bell operating companies (RBOCs) in the United States. By 1994, the company was offering Internet access at 45 Mbps speeds and had established peering at NSFNet approved network access points (NAPs) as well as the MAE East, MAE West, and FIX West interconnects. These high-speed connections combined with direct peering that only a few other network service providers such as MCI, Sprint, UUNET, BBN Planet and PSI held.

In early 1996, CRL opened a new NOC in San Francisco featuring fault-tolerant 24x7 monitoring, diverse fiber entrance, commercial and private power sources, an advanced web-based trouble ticketing system, and a network-wide remote diagnostic capability. CRL then installed some 30 Cascade ATM switches and entered the managed data services market, providing private secure virtual network connections between each CRL POP.

The company says it is currently profitable and has always been; it claims revenue increases of 300 percent over the last year. The privately-held company refuses to disclose financial information, however. True to its beginnings in 1983, CRL still offers shell access and dial-up IP connectivity today. The focus, however, is on dedicated, high-bandwidth intranet and Internet connectivity to businesses, universities, and ISPs.

COMPANY DESCRIPTION

CEO: Jim Couch
Consumer Subscribers: 15,000
Business Accounts: 5,000
Stock Exchange: Privately held

Revenues: None

Earnings: None

Total POPs: 36

Employees: 100

World Headquarters: 1 Kearny Street,
Suite 1450, San Francisco, CA 94108

International: (415) 837-5300

Facsimile: (415) 392-9000

MailTo: sales@crl.com

http://www.crl.com

CURRENT BACKBONE ARCHITECTURE

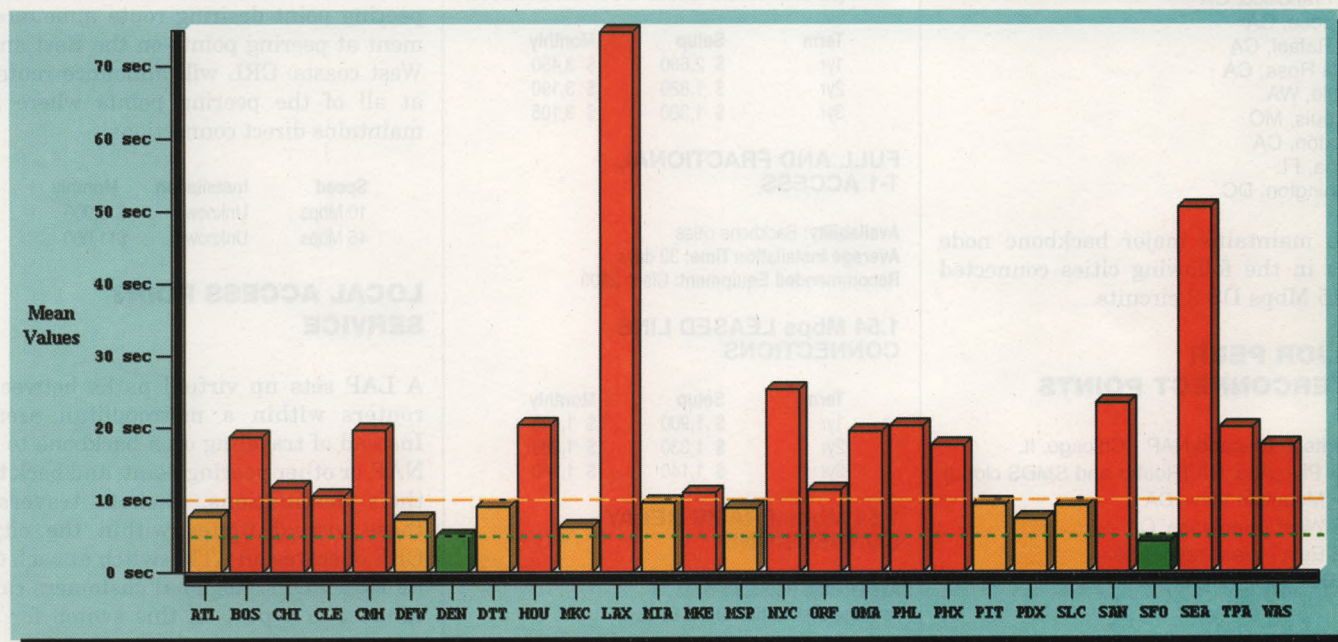
CRL has recently deployed a new Asynchronous Transfer Mode (ATM) national backbone using a combination of Cascade ATM switches and Cisco 7000 series routers to link 33 U.S. cities.

CRL purchased Cascade's B-STDx 9000 multiservice switches in April to create a high-speed backbone ring around the U.S. Cascade's B-STDx switch family is the industry's first multiservice wide area network (WAN) switch that simultaneously supports Frame Relay, Switched Multimegabit Digital Service (SMDS), Integrated Services Digital Network (ISDN), and Asynchronous Transfer Mode (ATM) on a single platform. Providing the industry's highest port density and network

CRL Network Svcs

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59532

AVERAGE: 17.654 sec
DEVIATION: 84.885 sec



capacity, the Cascade B-STDx switch also features the highest Frame Relay speeds in the industry, ranging from 9.6 Kbps to 45 Mbps.

In support of the growing demand from businesses requiring bandwidth for remote offices, intranets, and virtual private networks, CRL interconnected its backbone network with the data networks of several RBOCs, competitive access providers, local exchange carriers (LECs), and other national and regional carriers, which the company says allows services to be provisioned quickly and efficiently across disparate geographical locations by utilizing the Frame Relay Network-to-Network Interface with each carrier.

BACKBONE CITIES

Albuquerque, NM
 Anaheim, CA
 Atlanta, GA
 Austin, TX
 Baltimore, MD
 Boston, MA
 Chicago, IL
 Cleveland, OH
 Concord, CA
 Dallas, TX
 Denver, CO
 Detroit, MI
 Houston, TX
 Kansas City, MO
 Los Angeles, CA
 New York, NY
 Philadelphia, PA
 Phoenix, AZ
 Pittsburgh, PA
 Portland, OR
 Raleigh, NC
 Sacramento, CA
 San Antonio, TX
 San Diego, CA
 San Francisco, CA
 San Jose, CA
 San Rafael, CA
 Santa Rosa, CA
 Seattle, WA
 St. Louis, MO
 Stockton, CA
 Tampa, FL
 Washington, DC

CRL maintains major backbone node sites in the following cities connected by 45 Mbps DS-3 circuits.

MAJOR PEER INTERCONNECT POINTS

Ameritech Chicago NAP - Chicago, IL
 CIX - Palo Alto, CA (Router and SMDS cloud)
 FIX - Mountain View, CA
 MAE West - San Jose, CA
 MAE East - Washington, DC
 Pac Bell San Francisco NAP

BUSINESS PRODUCTS

FULL AND FRACTIONAL T-3 ACCESS

Availability: Backbone cities
 Average Installation Time: 45-60 days
 Recommended Equipment: Cisco 7000 and 7500 series

45 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$16,500	\$17,200
2yr	\$11,550	\$15,910
3yr	\$ 8,250	\$15,480

34 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$11,600	\$15,450
2yr	\$ 8,120	\$14,290
3yr	\$ 5,800	\$13,905

25 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$ 9,600	\$12,750
2yr	\$ 6,720	\$11,795
3yr	\$ 4,800	\$11,475

16 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$ 6,800	\$ 9,000
2yr	\$ 4,760	\$ 8,325
3yr	\$ 3,400	\$ 8,100

10 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$ 4,900	\$ 6,525
2yr	\$ 3,430	\$ 6,035
3yr	\$ 2,450	\$ 5,875

4 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$ 2,600	\$ 3,450
2yr	\$ 1,820	\$ 3,190
3yr	\$ 1,300	\$ 3,105

FULL AND FRACTIONAL T-1 ACCESS

Availability: Backbone cities
 Average Installation Time: 30 days
 Recommended Equipment: Cisco 2500

1.54 Mbps LEASED LINE CONNECTIONS

Term	Setup	Monthly
1yr	\$ 1,900	\$ 1,425
2yr	\$ 1,330	\$ 1,280
3yr	\$ 1,140	\$ 1,140

1.54 Mbps FRAME RELAY CONNECTIONS

Availability: Backbone cities
 Average Installation Time: 60 days

Term	Setup	Monthly
1yr	\$1,900	\$1,295
2yr	\$1,000	\$1,165
3yr	\$ 800	\$1,035

128 Kbps LEASED LINE CONNECTIONS

Availability: Backbone cities
 Average Installation Time: 60 days

Term	Setup	Monthly
1yr	\$1,900	\$ 750
2yr	\$1,330	\$ 675
3yr	\$1,140	\$ 600

128 Kbps FRAME RELAY CONNECTIONS

Availability: Backbone cities
 Average Installation Time: 60 days

Term	Setup	Monthly
1yr	\$1,200	\$ 500
2yr	\$ 720	\$ 450
3yr	\$ 600	\$ 400

56 Kbps LEASED LINE CONNECTIONS

Availability: Backbone cities
 Average Installation Time: 60 days

Term	Setup	Monthly
1yr	\$ 900	\$ 400
2yr	\$ 630	\$ 360
3yr	\$ 540	\$ 320

56 Kbps FRAME RELAY CONNECTIONS

Availability: Backbone cities
 Average Installation Time: 60 days

Term	Setup	Monthly
1yr	\$ 900	\$ 250
2yr	\$ 540	\$ 225
3yr	\$ 450	\$ 200

CRL TRANSIT SERVICE

Transit service is designed for Internet service providers or companies with network connectivity to one or more public peering point desiring route announcement at peering points on the East and West coasts. CRL will announce routes at all of the peering points where it maintains direct connections.

Speed	Installation	Monthly
10 Mbps	Unknown	\$ 5,000
45 Mbps	Unknown	\$11,000

LOCAL ACCESS POINT SERVICE

A LAP sets up virtual paths between routers within a metropolitan area. Instead of traveling on a backbone to a NAP, or other peering point, and back to their destinations, packets traverse these virtual routes within the city. CRL operates an ATM switch at each of its local POPs. Regional customers can connect to a port on this switch for a

monthly charge and be provided with a fully-meshed Frame Relay permanent virtual circuit (PVC) connection to all other LAP participants. This service is offered for customers who use CRL as their national service provider, and for those customers who use another provider, but would like to be a part of a LAP. ISPs who are already connected to the CRL ATM backbone may order LAP service across their existing port.

	CRL Dedicated Access Customer	LAP-Only Customer
T-1 LAP Service		
Installation:	None	\$500
Monthly:	None	\$300
T-3 LAP Service		
Installation	None	\$3,000
Monthly:	None	\$1,850
Monthly LAP PVC	\$100	\$100

28 Kbps DIAL-UP SLIP/PPP

Availability: All POP Cities
Average Installation Time: 24 hours
Setup: \$450
Monthly: \$150
Recommended Equipment: Any modem

UUCP DIAL-UP CONNECTIONS

CRL continues to offer UNIX-to-UNIX Copy Protocol connections to companies wishing to economically exchange electronic mail and newsgroups without a full Internet connection.

Availability: See 28.8 Kbps Dial-up POPs list.
Setup: \$50
Monthly: \$45
Hours Included: Unlimited
Additional Hours: N/A

CONSUMER PRODUCTS

28.8 KBPS DIAL-UP SLIP/PPP CONNECTIONS

Product: Advantage SLIP/PPP Account — includes shell account and 20 MB storage
Availability: See 28.8 Kbps Dial-up POPs list.
Setup: \$30
Monthly: \$24.95
Hours Included: Unlimited
Additional Hours: N/A
Toll Free 800 Surcharge: Not available
Recommended Equipment: 28.8 Kbps V.34 modem — any brand

Product: Personal SLIP/PPP Account
Availability: See 28.8 Kbps Dial-up POPs list.
Setup: \$19.50
Monthly: \$17.95
Hours Included: Unlimited
Additional Hours: N/A

Toll Free 800 Surcharge: Not available
Recommended Equipment: 28.8 Kbps V.34 modem — any brand

POINTS OF PRESENCE

Washington, DC	202-408-4885
Stockton	209-941-1700
San Antonio	210-226-5151
New York City	212-695-7988
Los Angeles	213-236-9944
Dallas	214-823-2000
Philadelphia	215-568-5441
Cleveland	216-363-1875
Denver	303-571-1000
Chicago	312-663-5470
Detroit	313-963-7621
St. Louis	314-241-7600
Atlanta	404-577-3250
Baltimore	410-539-1366
Pittsburgh	412-434-6333
San Mateo	415-225-0302
Palo Alto	415-367-0706
San Rafael	415-461-1173
Redwood City	415-574-9001
San Francisco	415-705-6060
South Bay	415-917-9995
Richmond	510-232-7114
Hayward	510-430-8501
Concord	510-603-2700
Austin	512-472-2983
Phoenix	602-277-8045
Boston	617-577-9300
San Diego	619-560-2641

Santa Rosa	707-571-2100
Vallejo	707-746-0480
Rohnert Park	707-794-7150
Houston	713-236-9200
Anaheim	714-517-6700
Kansas City	816-842-9500
Sacramento	916-321-5325
Davis	916-668-9992

FUTURE EXPANSION PLANS

CRL is in the process of establishing private interconnects with a few major ISPs should it need to offload additional traffic from the public peering points sometime in the future.

With the advent of T-3 Frame Relay service offerings from the RBOCs, CRL will be adding this service to its product portfolio. Availability will be limited by the RBOCs implementation of local T-3 Frame Relay service. ♦

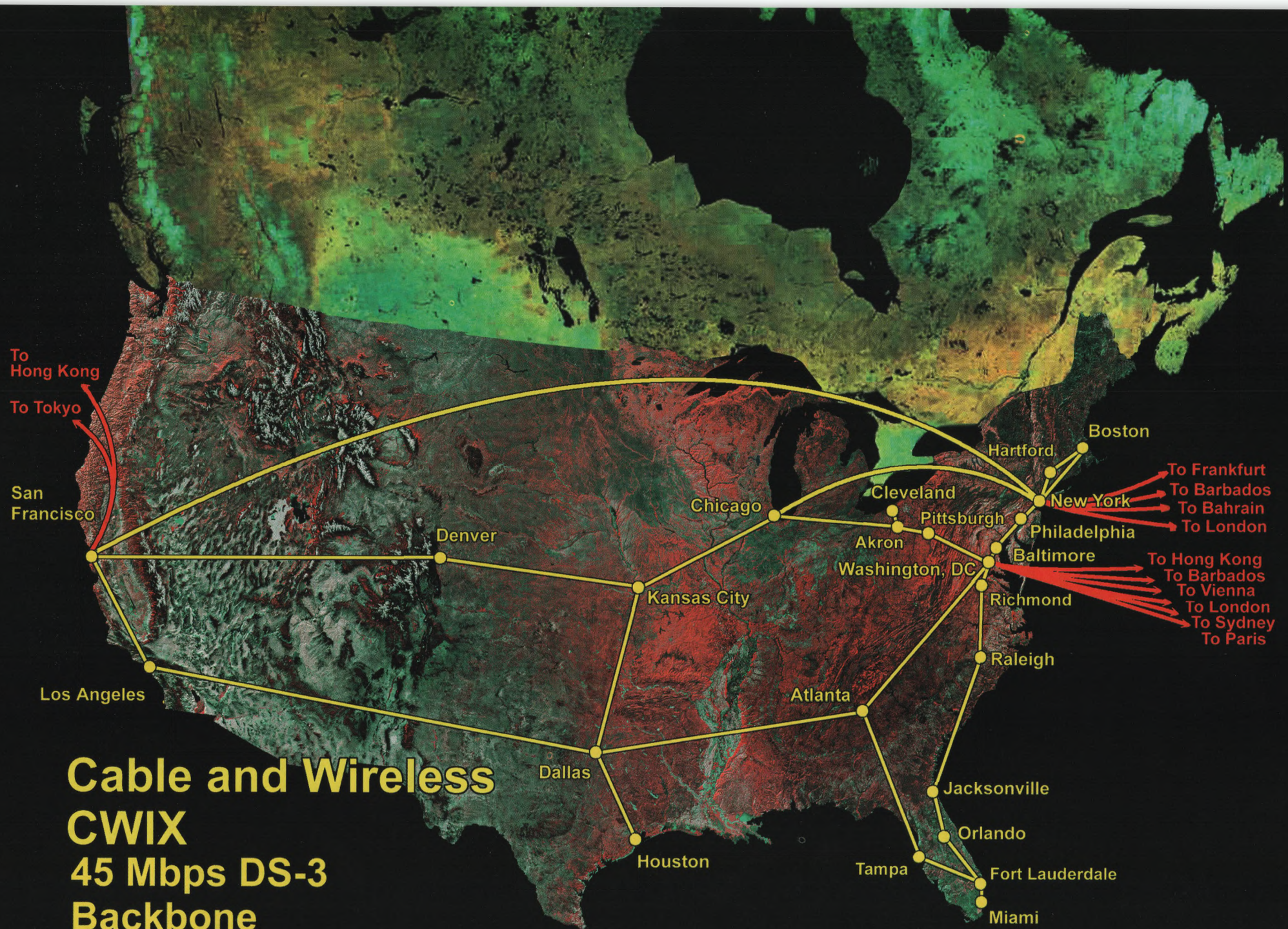
MGL Hawk-i

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- Windows 95 and NT Based
- Web and Unix Integration for easier customer management
- Flexible Internet Package structuring and reporting
- Source code, direct Credit Card processing option also available

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 or call 519 651-2713

*Designed for ISP's,
 by an ISP.*



**Cable and Wireless
CWIX
45 Mbps DS-3
Backbone**

CWIX Cable & Wireless Internet Exchange

Vienna, Virginia

HISTORY

Founded in 1866, Cable & Wireless has pioneered telecommunications development around the globe. Today, with 131 years of experience, Cable & Wireless operates in 54 countries, employs 40,000 people worldwide, is the largest user of the Intelsat satellite network, and built, owns, and operates the Global Digital Highway and the Cable & Wireless Internet Exchange (CWIX), a global IP backbone network. Cable & Wireless, with its global assets and position as a provider of domestic and international telecommunications services, builds and maintains a global platform that offers Internet service providers (ISPs), other businesses and their end-users a package of IP backbone transit, peering and other enabling services.

In April, CWIX signed an agreement with the IDT Corporation to route and terminate traffic through their domestic and international telecommunications networks. IDT has already begun to route traffic through CWIX's network, while CWIX was to start routing traffic through IDT's network in June.

Also in April, shareholders of NYNEX CableComms US approved the merger of the company with a subsidiary of CWIX.

COMPANY DESCRIPTION

CEO: R.H. Brown

NYSE: CWP

Business Dial-up Accounts: None

Business Dedicated Access Accounts: None

Annual Revenues for Internet Related

Operations: \$8.7 billion total revenues,

\$17 million from 1995 Internet operations

Total POPs: 37 CWIX global backbone nodes; POPs in 54 countries

Number of Employees: 40,000 worldwide; 125 currently dedicated to Internet-related activities

Internet Headquarters: 8219 Leesburg Pike, Vienna, VA 22182

Voice Telephone: For all U.S. requirements greater than T-1 or services outside the US: (888)CWIXNET (888) 294-9638 or (703) 287-6684

For U.S. services up to T-1: (800) 548-4608

Facsimile: (703) 287-6040

24-Hour NOC Telephone: (703) 287-6489

MailTo: For all U.S. requirements greater than T-1 or services outside the U.S.:
dchase@cwix.net

For U.S. services up to T-1:

kmcconne@cwix.net

<http://www.cwplc.net> or

<http://www.cwix.net>

CURRENT BACKBONE ARCHITECTURE

CWIX is Cable & Wireless' high-capacity, globally-meshed IP network, interconnecting major markets and financial centers around the world. CWIX says that by distributing intelligence at its points of interconnection, called *Global Network Access Points* (GNAPs), it is able to markedly improve network performance and provide enhanced services. The CWIX backbone is initially configured with Nx T-1/E-1 circuits interconnecting GNAPs around the world and is designed to scale at T-3/E-3 capacity, with T-3/E-3 circuits directly connected to the backbone router (IP-only HSSI backbone) to minimize network delay or contention with other traffic types. Each GNAP is connected with multiple GNAPs creating a meshed network to support traffic growth and meet network redundancy requirements. The ring design of the CWIX network focuses on increasing bandwidth and improving network efficiency.

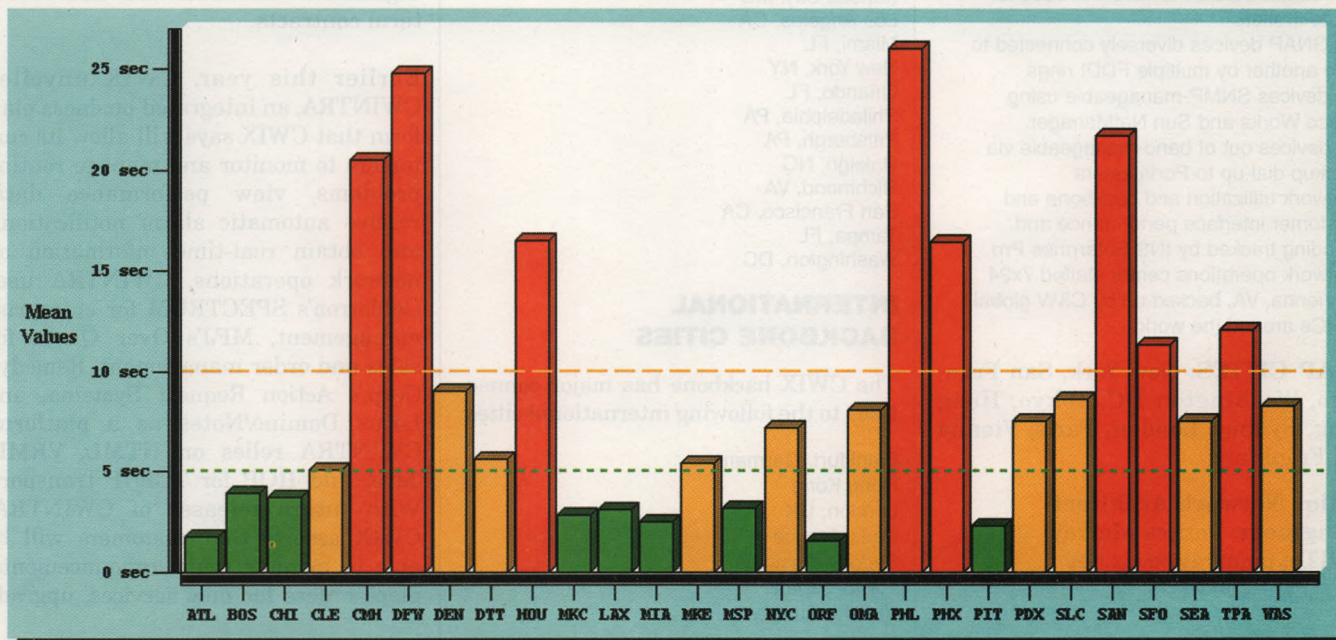
GNAP features include:

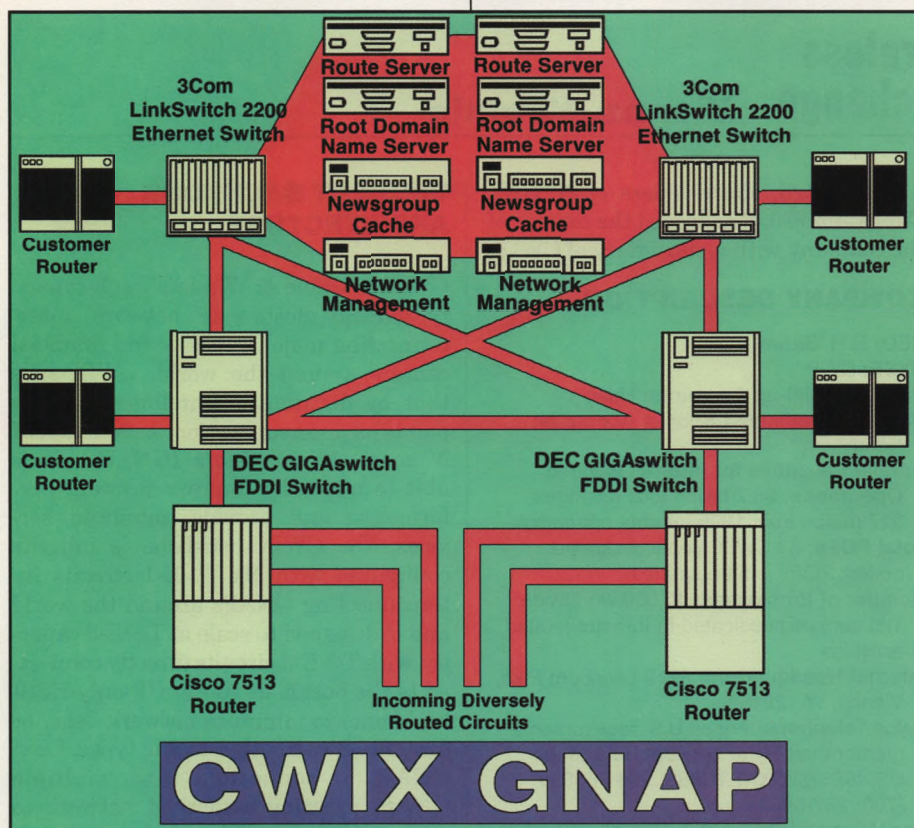
- 2 DEC Gigaswitches performing FDDI switching within GNAPs

CWIX

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60020

AVERAGE: 8.879 sec
DEVIATION: 50.665 sec





- 2 Cisco 7513s with redundant power and dual RSPs maintaining meshed backbone connections between GNAPs
- 2 3Com Ethernet switches for customer access
- 2 Livingston Portmaster terminal servers for out of band network management
- 2 redundant Sparc Ultraservers for caching applications
- 2 redundant Sparc Ultraservers for network management
- 2 redundant DEC Alphaserver 600s for Domain Name Service
- 2 redundant DEC Alphaserver 600s for route arbiters
- All GNAP devices diversely connected to one another by multiple FDDI rings
- All devices SNMP-manageable using Cisco Works and Sun NetManager.
- All devices out of band-manageable via backup dial-up to Portmasters
- Network utilization and backbone and customer interface performance and trending tracked by INS Enterprise Pro
- Network operations center staffed 7x24 in Vienna, VA, backed up by C&W global NMCs around the world

GNAP CITIES: New York, San Francisco, Washington DC, Tokyo, Hong Kong, Sydney, London, Paris, Vienna and Frankfurt.

Senior Network Architect
Engineer: Patrick Murray
MailTo: pmurray@cwix.net

U.S. BACKBONE CITIES

Akron, OH
 Atlanta, GA
 Baltimore, MD
 Boston, MA
 Chicago, IL
 Cleveland, OH
 Dallas, TX
 Denver, CO
 Fort Lauderdale, FL
 Hartford, CT
 Houston, TX
 Jacksonville, FL
 Kansas City, MO
 Los Angeles, CA
 Miami, FL
 New York, NY
 Orlando, FL
 Philadelphia, PA
 Pittsburgh, PA
 Raleigh, NC
 Richmond, VA
 San Francisco, CA
 Tampa, FL
 Washington, DC

INTERNATIONAL BACKBONE CITIES

The CWIX backbone has major connections to the following international cities:

Frankfurt, Germany
 Hong Kong
 London, UK
 Paris, France
 Sydney, Australia
 Tokyo, Japan
 Vienna, Austria

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Washington, DC
 Sprint New York NAP - Pennsauken, NJ
 MAE West - San Jose, CA

INTERNATIONAL PEER INTERCONNECT POINTS

Ebone - Munich, Germany
 Ebone - Paris, France
 GIX - Paris, France
 HKIX - Hong Kong
 LINX - London, UK
 NSP IXP - Tokyo, Japan

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: Deborah Chase, Marketing Manager
Voice: (703) 905-5718
Fax: (703) 287-6040
MailTo: dchase@cwix.net

GENERAL PRICING INFORMATION

CWIX offers dedicated access connections from fractional T-1 (64 Kbps) to full T-3 45 Mbps. Average installation time is 30-45 days. The following descriptions provide information for U.S. domestic connections. For installations in other countries, contact a sales representative. Setup charges and monthly charges do not include local loop/telco fees, and apply only to cities currently on the CWIX backbone. CWIX can proactively build-out the network based upon customer requirements. Ask a sales representative about pricing for other U.S. cities. Significant discounts are offered for term contracts.

Earlier this year, CWIX unveiled CWINTRA, an integrated business platform that CWIX says will allow its customers to monitor and manage routing problems, view performance data, receive automatic alarm notifications, and obtain real-time information on network operations. CWINTRA uses Cabletron's SPECTRUM for enterprise management, MFJ's Over Quota for sales and order management, Remedya Corp.'s Action Request Systema, and Lotus Domino/Notes as a platform. CWINTRA relies on HTML, VRML, Java, and IIOP for TCP/IP transport. With future releases of CWINTRA, CWIX asserts that customers will be able to monitor route announcements, place orders for new services, upgrade

or change existing services, and access real-time billing data.

45 Mbps T-3 LEASED LINE

Availability: U.S. backbone cities

Average Installation Time: 30-45 days

Internet Setup/Install: \$5,000

Monthly: \$24,500

Recommended Equipment:

Router: Cisco 4700 M or Cisco 7xxx

Interface: HSSI

Other: Interdomain Routing License

Cisco 7000 IOS IP Feature Set

64 MB memory upgrade

ADC Kentrox Data SMART T-3/E-3 IDCSU

Burstable 45 Mbps T-3 LEASED LINE (Usage based)

Burstable T-3 service charges for actual sustained usage rather than a committed level. Actual sustained usage is measured by samples taken at standard intervals. The level under which 95 percent of the samples fall is considered the billable sustained usage.

Availability: U.S. backbone cities

Average Install Time: 30-45 days

Setup: \$5,000

Monthly:	6.0 Mbps	\$ 9,900
	9.0 Mbps	\$12,700
	12.0 Mbps	\$15,400
	15.0 Mbps	\$20,800
	18.0 Mbps	\$25,500
	21.0 Mbps	\$33,000
	24.0 Mbps	\$37,200
	27.0 Mbps	\$42,100
	Over	\$44,500

Recommended Equipment:

Router: Cisco 4700 M or Cisco 7xxx

Interface: HSSI

Other: Interdomain Routing License

Cisco 7000 IOS IP feature set

64 MB memory upgrade

ADC Kentrox Data SMART T-3/E-3 IDCSU

INCREMENTAL 45 Mbps T-3/DS-3

This service is available in 3 Mbps increments. A one-time setup charge of \$5,000 per connection applies. Customers may upgrade or downgrade to different access speeds from 3 Mbps up to 45 Mbps at any time by submitting a request to their global account manager. Not available for collocated accounts.

Availability: Remote customers only

Average Install Time: 30-45 days

Setup: \$5,000

Monthly:	3 Mbps	\$ 4,700
	6 Mbps	\$ 6,600
	9 Mbps	\$ 8,500
	12 Mbps	\$10,400
	15 Mbps	\$12,300
	18 Mbps	\$14,200
	21 Mbps	\$16,100
	24 Mbps	\$19,000
	27 Mbps	\$22,000

30 Mbps	\$25,000
33 Mbps	\$28,000
36 Mbps	\$33,000
39 Mbps	\$37,000
42 Mbps	\$41,800
45 Mbps	\$46,500

N x T-1 LEASED LINE

Multiple 1.544 Mbps T-1 lines are combined for larger bandwidths. Monthly billing is based on contracted access rate. A \$1,000 fee is charged for each upgrade performed.

Availability: U.S. backbone cities

Average Installation Time: 30-45 days

Setup: \$4,000

Monthly:	6.0 Mbps (4xT-1)	\$ 7,000
	9.0 Mbps (6xT-1)	\$ 9,000
	12.0 Mbps (8xT-1)	\$11,000

Recommended Equipment:

Routers: Cisco 4500M

Interface: FSIP

Other: Cisco 4000 IOS IP feature set

32 MB memory upgrade

Larscom Orion 4000

COLLOCATED ETHERNET ACCESS

This service is for customers who locate their routers/servers at a CWIX POP/ GNAP, and connect to the CWIX LAN for Internet access.

Availability: U.S. backbone cities -

London, Paris, and Frankfurt

Installation Time: 30-45 days

Internet Setup/Install: \$4,000

Facilities Management Fees: \$850 per footprint

Monthly:

10 Mbps Ethernet	\$6,000
50 Mbps Fast Ethernet	\$22,500

Recommended Equipment: NA

1.544 Mbps T-1 LEASED LINE

Availability: U.S. backbone cities

Average Install Time: 30-45 days

Setup: \$1,000

Monthly: \$2,200

Recommended Equipment:

Router: Cisco 2501 or comparable Edge router

Interface: V.35

Other: Cisco IP feature set

Racal 5300

FRACTIONAL T-1 LEASED LINE

Dedicated private line and Frame Relay options available. Additional speeds are available upon request.

Availability: backbone cities

Average Install Time: 30-45 days

Setup: \$500

Monthly:	64 Kbps	\$ 600
	128 Kbps	\$1100
	256 Kbps	\$1500

Recommended Equipment:

Router: Cisco 2501 or comparable edge router

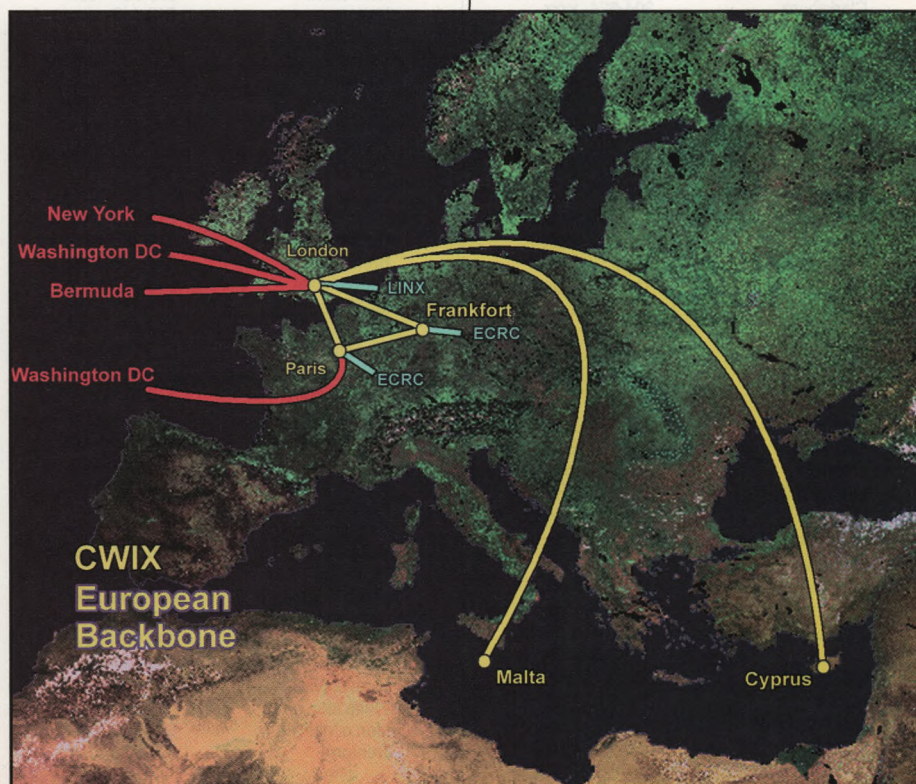
Interface: V.35

Other: Cisco IP feature set

Racal 5300

CONSUMER PRODUCTS

None



CWIX POINTS OF PRESENCE

Patterson	201-279-xxxx	Providence	401-276-xxxx	Paoli	610-725-xxxx
Hackensack	201-287-xxxx	Omaha	402-233-xxxx	Reading	610-736-xxxx
Newark	201-622-xxxx	Atlanta	404-817-xxxx	Allentown	610-797-xxxx
Morristown	201-984-xxxx	Oklahoma City	405-270-xxxx	Conshohocken	610-941-xxxx
Washington	202-222-xxxx	Butte	406-496-xxxx	Minneapolis	612-321-xxxx
Stamford	203-357-xxxx	Fort Pierce	407-462-xxxx	Columbus	614-222-xxxx
Birmingham	205-322-xxxx	Orlando	407-648-xxxx	Nashville	615-748-xxxx
Decatur	205-353-xxxx	W. Palm Beach	407-681-xxxx	Grand Rapids	616-459-xxxx
Tuscaloosa	205-507-xxxx	Melbourne	407-723-xxxx	Muskegon	616-727-xxxx
Huntsville	205-533-xxxx	San Jose	408-268-xxxx	Burlington	617-221-xxxx
Gadsden	205-543-xxxx	Santa Cruz	408-454-xxxx	Braintree	617-380-xxxx
Seattle-2	206-223-xxxx	Santa Clara	408-492-xxxx	Waltham	617-672-xxxx
Everett	206-261-xxxx	Monterey	408-655-xxxx	Cambridge	617-679-xxxx
Seattle	206-441-xxxx	Salinas	408-751-xxxx	Boston	617-927-xxxx
Tacoma	206-597-xxxx	Beaumont	409-833-xxxx	San Diego-2	619-268-xxxx
Redmond	206-739-xxxx	College Station	409-846-xxxx	Palm Springs	619-320-xxxx
Portland	207-842-xxxx	Annapolis	410-263-xxxx	San Diego	619-338-xxxx
Boise	208-381-xxxx	Baltimore	410-727-xxxx	Carlsbad	619-929-xxxx
Stockton	209-463-xxxx	Pittsburgh	412-394-xxxx	Fargo	701-271-xxxx
Fresno	209-495-xxxx	Greensburg	412-853-xxxx	Las Vegas	702-382-xxxx
Modesto-2	209-531-xxxx	Springfield	413-846-xxxx	Manassas	703-331-xxxx
Modesto	209-574-xxxx	Milwaukee	414-227-xxxx	Charlotte	704-342-xxxx
Visalia	209-635-xxxx	Green Bay	414-592-xxxx	Athens	706-208-xxxx
San Antonio	210-352-xxxx	San Francisco-2	415-283-xxxx	Columbus	706-641-xxxx
Harlingen	210-428-xxxx	San Mateo	415-312-xxxx	Augusta	706-821-xxxx
New York	212-238-xxxx	Palo Alto	415-322-xxxx	Vacaville	707-448-xxxx
Los Angeles	213-620-xxxx	San Francisco	415-357-xxxx	Santa Rosa	707-522-xxxx
Richardson	214-235-xxxx	San Rafael	415-472-xxxx	Hinsdale	708-241-xxxx
Irving	214-438-xxxx	Springfield	417-875-xxxx	Naperville	708-505-xxxx
Dallas	214-741-xxxx	Toledo	419-246-xxxx	Baytown	713-427-xxxx
Philadelphia-2	215-440-xxxx	Knoxville	423-524-xxxx	Houston	713-567-xxxx
Philadelphia	215-448-xxxx	Chattanooga	423-756-xxxx	Westheimer	713-625-xxxx
Cleveland	216-579-xxxx	Little Rock	501-375-xxxx	Huntington Beach	714-377-xxxx
Champaign	217-398-xxxx	Fayetteville	501-442-xxxx	Placentia	714-577-xxxx
Springfield	217-527-xxxx	Pine Bluff	501-534-xxxx	Santa Ana	714-726-xxxx
South Bend	219-239-xxxx	Fort Smith	501-782-xxxx	Anaheim	714-871-xxxx
Elkhart	219-293-xxxx	Louisville	502-583-xxxx	Rochester	716-327-xxxx
Valparaiso	219-531-xxxx	Portland	503-294-xxxx	Buffalo	716-843-xxxx
Frederick	301-663-xxxx	Salem	503-316-xxxx	Hershey	717-533-xxxx
Wilmington	302-576-xxxx	Beaverton	503-677-xxxx	Harrisburg	717-720-xxxx
Denver	303-575-xxxx	Baton Rouge	504-383-xxxx	Wilkes-Barre	717-825-xxxx
Wheeling	304-234-xxxx	New Orleans	504-525-xxxx	York	717-855-xxxx
Morgantown	304-291-xxxx	Albuquerque	505-242-xxxx	Colorado Springs	719-386-xxxx
Charleston	304-344-xxxx	Framingham	508-628-xxxx	Smyrna	770-432-xxxx
Huntington	304-522-xxxx	Danvers	508-739-xxxx	Salt Lake City	801-321-xxxx
Clarksburg	304-624-xxxx	Spokane	509-328-xxxx	Provo	801-343-xxxx
Miami	305-358-xxxx	Pullman	509-332-xxxx	Ogden	801-399-xxxx
Bloomington	309-434-xxxx	Kennewick	509-734-xxxx	Florence	803-673-xxxx
Inglewood	310-338-xxxx	Livermore	510-449-xxxx	Columbia	803-799-xxxx
Santa Monica	310-451-xxxx	Concord	510-609-xxxx	Norfolk-2	804-423-xxxx
Wilmington	310-513-xxxx	Oakland	510-704-xxxx	Norfolk	804-533-xxxx
Long Beach	310-624-xxxx	Fremont	510-742-xxxx	Princess Anne	804-563-xxxx
Irving	312-509-xxxx	San Ramon	510-867-xxxx	Richmond	804-674-xxxx
Stewart	312-873-xxxx	Austin	512-433-xxxx	Lynchburg	804-947-xxxx
Franklin	312-984-xxxx	Corpus Christi	512-888-xxxx	Thousand Oaks	805-373-xxxx
Chicago	312-986-xxxx	Cincinnati	513-621-xxxx	San Luis Obispo	805-546-xxxx
Ann-Arbor	313-213-xxxx	Dayton	513-640-xxxx	Bakersfield	805-861-xxxx
Detroit	313-225-xxxx	Des Moines	515-323-xxxx	Santa Barbara	805-892-xxxx
Belleville	313-957-xxxx	Garden City	516-228-xxxx	Amarillo	806-354-xxxx
St. Louis	314-213-xxxx	Brentwood	516-231-xxxx	Lubbock	806-472-xxxx
Columbia	314-886-xxxx	Farmingdale	516-577-xxxx	Southfield	810-262-xxxx
Harvester	314-940-xxxx	Mt. Pleasant	517-772-xxxx	Farmington	810-442-xxxx
Rome/Utica	315-338-xxxx	Albany	518-426-xxxx	Warren	810-575-xxxx
Syracuse	315-442-xxxx	Tucson	520-620-xxxx	Terre Haute	812-238-xxxx
Wichita	316-383-xxxx	Fredricksburg	540-372-xxxx	Bloomington	812-323-xxxx
Lafayette	317-772-xxxx	Harrisonburg	540-574-xxxx	Evansville	812-433-xxxx
Indianapolis	317-977-xxxx	Roanoke	540-857-xxxx	Tampa	813-247-xxxx
Monroe	318-322-xxxx	Eugene	541-302-xxxx	Clearwater	813-562-xxxx
Shreveport	318-676-xxxx	Jackson	601-355-xxxx	Feathersound	813-573-xxxx
Davenport	319-333-xxxx	Biloxi/Gulfport	601-863-xxxx	Erie	814-453-xxxx
Iowa City	319-341-xxxx	Phoenix	602-640-xxxx	Altoona	814-941-xxxx
Cedar Rapids	319-368-xxxx	Nashua	603-594-xxxx	Dekalb	815-748-xxxx
St. Cloud	320-202-xxxx	Sioux Falls	605-367-xxxx	Kansas City	816-283-xxxx
Akron	330-253-xxxx	Lexington	606-252-xxxx	Waco	817-755-xxxx
Montgomery	334-223-xxxx	Ithaca	607-266-xxxx	Temple	817-778-xxxx
Mobile	334-431-xxxx	Binghamton	607-762-xxxx	Fort Worth	817-850-xxxx
Auburn/Opelika	334-502-xxxx	Madison	608-252-xxxx	Sherman Oaks	818-340-xxxx
Olympia	360-357-xxxx	Cherry Hill	609-321-xxxx	Pasadena	818-585-xxxx
		Pleasantville	609-569-xxxx	Elk Grove	847-228-xxxx
		White Horse	609-581-xxxx	Northbrook	847-480-xxxx
		Mercerville	609-586-xxxx	Hartford	860-724-xxxx
		Trenton	609-777-xxxx	Jackson	901-422-xxxx

Memphis-2	901-543-xxxx
Memphis	901-761-xxxx
Longview	903-234-xxxx
Tallahassee	904-222-xxxx
Daytona Beach	904-255-xxxx
Jacksonville	904-353-xxxx
Gainesville	904-371-xxxx
Long Branch-2	908-229-xxxx
Holmdel	908-332-xxxx
Rahway	908-382-xxxx
New Brunswick	908-463-xxxx
Long Branch	908-933-xxxx
Colton	909-370-xxxx
Ontario	909-460-xxxx
Rancho Cucamonga	909-481-xxxx
Rialto	909-875-xxxx
San Bernardino	909-884-xxxx
Fayetteville	910-323-xxxx
Greensboro	910-574-xxxx
Albany	912-430-xxxx
Savannah	912-651-xxxx
Macon	912-765-xxxx
Topeka	913-368-xxxx
Poughkeepsie	914-451-xxxx
White Plains	914-681-xxxx
Port Chester	914-933-xxxx
Midland	915-498-xxxx
Odessa	915-498-xxxx
El Paso	915-544-xxxx
Abilene	915-627-xxxx
Redding	916-225-xxxx
Sacramento	916-447-xxxx
Chico	916-891-xxxx
Tulsa	918-582-xxxx
Durham	919-361-xxxx
Goldsboro	919-736-xxxx
Raleigh	919-872-xxxx
Rocky Mount	919-972-xxxx
Sarasota	941-362-xxxx
Lakeland	941-666-xxxx
Bradenton	941-746-xxxx

Fort Lauderdale	954-486-xxxx
Fort Collins	970-282-xxxx

INTERNATIONAL POPS

The following countries offer CWIX dedicated access and/or dial connectivity.

Anguilla	Maldives
Antigua & Barbuda	Mongolia
Ascension Island	Montserrat
Australia	Pakistan
Bahrain	Philippines
Barbados	Portugal
Belarus	Russia
Belgium	Seychelles
Bermuda	Singapore
British Virgin Islands	Solomon Islands
Bulgaria	South Africa
Cayman Islands	Spain
China	St. Helena
Colombia	St. Kitts & Nevis
Diego Garcia	St. Lucia
Dominica	St. Vincent & the
Falkland Islands	Grenadines
Fiji	Sweden
France	Switzerland
Germany	Taiwan
Grenada	Thailand
Hong Kong	Tonga
Ireland	Trinidad & Tobago
Italy	Turks & Caicos
Jamaica	United Kingdom
Japan	United States
Latvia	Vanuatu
Lebanon	Yemen
Macau	

FUTURE EXPANSION PLANS

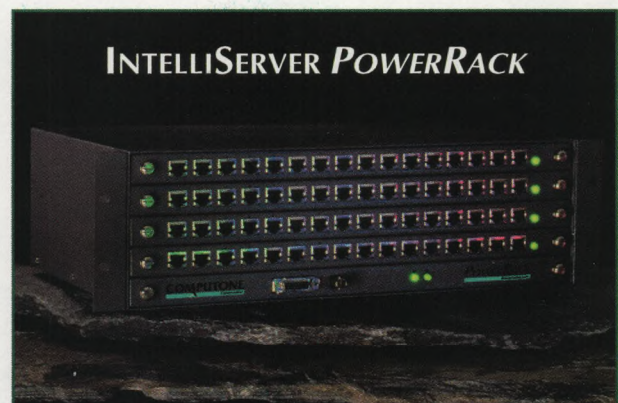
CWIX plans aggressive expansion to over 30 countries to meet market demand. CWIX is evaluating GNAP installation opportunities in Bahrain, Belgium, Canada, China, the Czech Republic, Finland, Israel, Italy, South Korea, the Netherlands, New Zealand, South Africa, Spain, Sweden, Taiwan, and in the Caribbean. ♦

ISPs: LOOKING FOR A REMOTE ACCESS SERVER THAT IS FASTER, MORE RELIABLE, & LESS EXPENSIVE?

Look no further! Computone's IntelliServer **PowerRack** is exactly that! In comparison to Livingston's Portmaster, the PowerRack has a per port capacity of **921.6Kbps** (Portmaster -- 115.2Kbps), the PowerRack can support **16-64 PPP lines** (Portmaster -- 10-30), the PowerRack's average price per port is \$60 for 64 ports (Portmaster -- \$97 for 30 ports), and the PowerRack has a **5-year warranty** (Portmaster -- 1 year), FREE lifetime technical support and software upgrades, and a 30-Day evaluation option.

The PowerRack also has the standard feature list: dial-in/dial-out access, a powerful RISC CPU, Ethernet connectors, ISDN capability, PPP, SLIP, CSLIP, *bootp*, *rlogin*, *telnet*, reverse *telnet*, PAP/CHAP authentication, RADIUS II, RIP II, SNMP MIB II, subnet routing, IPCP DNS exts. for Windows 95, and IP filtering.

PowerRack user and Internet Service Provider Michael Behrens, of InterNet Kingston (mbehrens@kingston.net), commented, "The PowerRack is an attractive product, both in its ability to do the job well and to do the job... cost effectively. Port for port costs are significantly lower than the Livingston Portmaster. The product lives up to its name... performance under load is exceptional! The PowerRack also offers a significant feature for feature comparison against the available competition (i.e. Livingston Portmaster). And, technical support was extremely knowledgeable and responsive."



COMPUTONE

www.computone.com Corporation

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(800) 241-3946 x280 or (770) 475-2725 x280

NEW POWERSURFER (921.6K ISDN MODEM!) - CALL FOR DETAILS!



DataXchange
45 Mbps DS-3
ATM Backbone

DataXchange Network, Inc.

McLean, Virginia / San Francisco, California

HISTORY

DataXchange Network was founded in 1993 by investment banker and Chairman David S. Goldman, technical engineer, businessman, and CEO Robert S. Laughlin, and entrepreneur Sylvan R. Corazzi.

The company's goal is to design, implement, and manage a nationwide area network specializing in the connectivity and management of TCP/IP traffic via private virtual network and/or direct leased-line access to the Internet. DataXchange uses fully redundant hub and spoke architecture with all BGP4 routing.

Initially the goal was to provide quality backbone network services to online professionals and local and regional Internet access providers. Its current marketing strategy focuses on business users establishing private intranets with Internet gateways as online commerce begins to gain attention in the networking world.

DataXchange sees its future growth in vying for a share of the "bandwidth"

marketplace by distinguishing itself in service quality, customer support, network reliability, security, and competitive pricing.

COMPANY DESCRIPTION

CEO: Robert Laughlin
Stock Exchange: Privately held
Consumer Subscribers: None
Business Accounts: 421
Revenues from Internet Operations: \$4.5 million (1996)
Earnings: None
Total POPs: 312
Employees: 29
Sales Office: 439 Bryant Street, Suite 404, San Francisco, CA 94107
Voice: (800) 863-1550
International: (415) 863-1550
Facsimile: (415) 908-4851
MailTo: sales@dx.net
http://www.dx.net
Corporate Office: 611 Druid Road, Suite 702, Clearwater, FL 34616
Voice: (813) 443-0244
Administrative Office: 3 North Main Street, Walkersville, MD 21793
Voice: (301) 898-1645
24-Hour Network Operations Center: (888) 903-7412

CURRENT BACKBONE ARCHITECTURE

DataXchange operates a national Asynchronous Transfer Mode (ATM) backbone — a true full-mesh — linking five U.S. cities. Each city, or "superhub," is linked directly to each of the others. Each superhub city consists of an ATM switch with a Cisco 7500 router. The backbone currently operates at 45 Mbps speeds.

The backbone is connected to points of presence through a Frame Relay network.

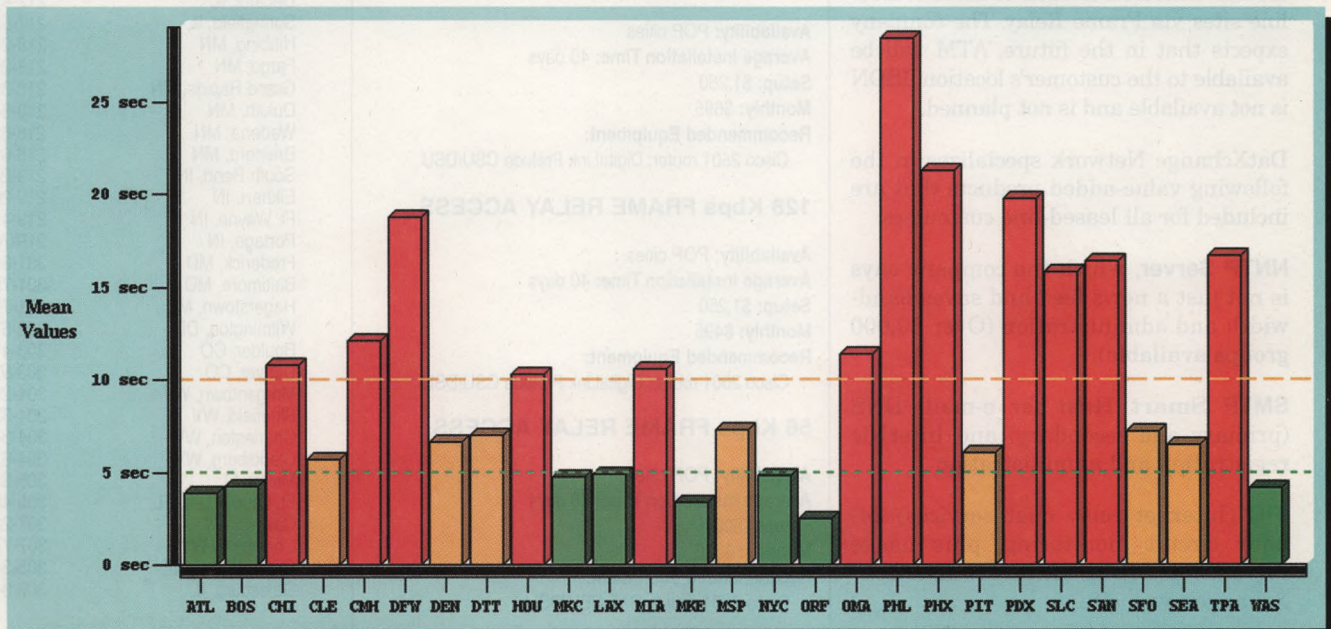
A 24x7 network operations center (NOC) is maintained at McLean, Virginia, which is connected to the backbone at DS-3 speeds. The DataXchange NOC monitors and tests, in real time, each leased-line circuit every 5 minutes with traffic reports generated every 15 minutes. Usage reports are available to leased-line customers directly off the DataXchange web page: <http://www.dx.net>.

Senior Network Architect Engineer: Robert Laughlin
Mailto: robert@dx.net, noc@dx.net
NOC address: 6803 Whittier Avenue, Second Floor, McLean, VA 22101

DataXchange

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 60411

AVERAGE: 9.974 sec
 DEVIATION: 41.131 sec



Voice: (888) 903-7412, (703) 903-7412
Facsimile: (301) 903-7413

U.S. BACKBONE CITIES

The following U.S. cities are directly connected by the DataXchange 45 Mbps DS-3 ATM backbone:

Atlanta, GA
 Chicago, IL
 Los Angeles, CA
 McLean, VA
 San Francisco, CA
 Washington, DC

MAJOR U.S. PEER INTERCONNECT POINTS

CIX - Palo Alto, CA (10 Mbps)
 MAE East - Washington, DC (100 Mbps)
 MAE West - San Jose, CA (100 Mbps)
 MCI (45 Mbps)
 SprintLink (45 Mbps)
 UUNET (45 Mbps)

MAJOR INTERNATIONAL PEER INTERCONNECT POINTS

All European providers collocated at MAE East.

BUSINESS PRODUCTS

DataXchange provides dedicated Frame Relay access connectivity to businesses and Internet service providers at speeds from 56 Kbps through 1.544 Mbps. Customers are provided a dedicated point-to-point, clear-channel leased-line from their telco to the nearest DataXchange POP (see list). This circuit is then engineered onto the DataXchange ATM backbone and traffic is routed to the nearest or most efficient NAP site. TCP/IP protocol is delivered to each of these leased-line sites via Frame Relay. The company expects that in the future, ATM will be available to the customer's location. ISDN is not available and is not planned.

DataXchange Network specializes in the following value-added products that are included for all leased-line customers.

NNTP Server, which the company says is not just a news feed and saves bandwidth and administration (Over 30,000 groups available).

SMTP Smart Host for e-mail. DNS (primary and secondary) and InterNic registration and administration.

IRC (Internet relay chat services) 24-hour circuit monitoring, plus usage reports in real time from DataXchange's web site.

BUSINESS CONTACT INFORMATION

Person: Sylvan R. Corazzi,
 Vice President, Sales and Marketing
Address: 75 Buena Vista, Suite 601,
 San Francisco, CA 94117
Voice: (800) 863-1550
International: (415) 863-1550
Fax: (415) 863-1553
MailTo: sylvan@dx.net
http://www.dx.net
45 Mbps T-3 LEASED LINE ACCESS

Availability: San Francisco, Atlanta, Washington, DC, Los Angeles, Northern Virginia, Chicago
Average Installation Time: 60-90 days
Setup: \$12,500
Monthly: \$72,000 (full usage)
Recommended Equipment:
 Cisco 4500 router; DigitalLink Prelude CSU/DSU

1.544 Mbps FRAME RELAY ACCESS

Availability: POP cities
Average Installation Time: 40 days
Setup: \$750-\$1,250
Monthly: \$2,300 (full usage)
Recommended Equipment:
 Cisco 2501 router; DigitalLink Prelude CSU/DSU

1024 Kbps FRAME RELAY ACCESS

Availability: POP cities
Average Installation Time: 40 days
Setup: \$1,250
Monthly: \$1,995
Recommended Equipment:
 Cisco 2501 router; DigitalLink Prelude CSU/DSU

512 Kbps FRAME RELAY ACCESS

Availability: POP cities
Average Installation Time: 40 days
Setup: \$1,250
Monthly: \$1,295
Recommended Equipment:
 Cisco 2501 router; DigitalLink Prelude CSU/DSU

256 Kbps FRAME RELAY ACCESS

Availability: POP cities
Average Installation Time: 40 days
Setup: \$1,250
Monthly: \$695
Recommended Equipment:
 Cisco 2501 router; DigitalLink Prelude CSU/DSU

128 Kbps FRAME RELAY ACCESS

Availability: POP cities
Average Installation Time: 40 days
Setup: \$1,250
Monthly: \$495
Recommended Equipment:
 Cisco 2501 router; DigitalLink Prelude CSU/DSU

56 Kbps FRAME RELAY ACCESS

Availability: POP cities
Average Installation Time: 40 days
Setup: \$500
Monthly: \$325
Recommended Equipment:
 Cisco 2501 router, BAT CSU/DSU

WEB HOSTING

The company is working out details of collocating web T-3 sites on its backbone.

CONSUMER PRODUCTS

None.

DATAEXCHANGE POINTS OF PRESENCE

Hackensack, NJ	201-342-xxxx
Newark, NJ	201-623-xxxx
Washington, DC	202-789-xxxx
Bridgeport, CT	203-330-xxxx
Stamford, CT	203-358-xxxx
Hartford, CT	203-725-xxxx
Danbury, CT	203-730-xxxx
Annisston, AL	205-231-xxxx
Birmingham, AL	205-251-xxxx
Montgomery, AL	205-269-xxxx
Dothan, AL	205-406-xxxx
Mobile, AL	205-432-xxxx
Huntsville, AL	205-532-xxxx
Seattle, WA	206-621-xxxx
Bangor, ME	207-745-xxxx
Portland, OR	207-772-xxxx
Boise, ID	208-343-xxxx
Coeur D'alene, ID	208-765-xxxx
Fresno, CA	209-241-xxxx
Stockton, CA	209-464-xxxx
San Antonio, TX	210-225-xxxx
Brownsville, TX	210-405-xxxx
New York, NY	212-406-xxxx
Los Angeles, CA	213-239-xxxx
Compton, CA	213-537-xxxx
Pasadena, CA	213-681-xxxx
Richardson, TX	214-234-xxxx
Longview, TX	214-236-xxxx
Irving, TX	214-438-xxxx
Dallas, TX	214-748-xxxx
Texarkana, TX	214-793-xxxx
Philadelphia, PA	215-561-xxxx
Warren, OH	216-395-xxxx
Akron, OH	216-535-xxxx
Cleveland, OH	216-579-xxxx
Hudson, OH	216-653-xxxx
Youngstown, OH	216-747-xxxx
Lorain, OH	216-984-xxxx
Quincy, IL	217-222-xxxx
Mattoon, IL	217-258-xxxx
Champaign, IL	217-351-xxxx
Decatur, IL	217-454-xxxx
Springfield, IL	217-522-xxxx
Hibbing, MN	218-262-xxxx
Fargo, MN	218-299-xxxx
Grand Rapids, MN	218-326-xxxx
Duluth, MN	218-348-xxxx
Wadena, MN	218-631-xxxx
Brainerd, MN	218-636-xxxx
South Bend, IN	219-234-xxxx
Elkhart, IN	219-262-xxxx
Ft. Wayne, IN	219-482-xxxx
Portage, IN	219-763-xxxx
Frederick, MD	301-662-xxxx
Baltimore, MD	301-752-xxxx
Hagerstown, MD	301-790-xxxx
Wilmington, DE	302-571-xxxx
Boulder, CO	303-413-xxxx
Denver, CO	303-534-xxxx
Morgantown, WV	304-292-xxxx
Bluefield, WV	304-327-xxxx
Charleston, WV	304-342-xxxx
Clarksburg, WV	304-622-xxxx
Miami, FL	305-324-xxxx
Ft. Lauderdale, FL	305-486-xxxx
Casper, WY	307-234-xxxx
Cheyenne, WY	307-777-xxxx
Grand Island, NE	308-382-xxxx
Galesburg, IL	309-341-xxxx

Data Xchange

Network Inc.

THE NATIONAL BACKBONE FOR BUSINESS

56KB, Fractional T1, and T1 Service

INCLUDING

Full Class C, Newsgroups, DNS, SMTP Server



voice: 800-863-1550

fax: 415-908-4851

information: sales@dx.net

<http://www.dx.net>

Bloomington, IL 309-436-xxxx
 Peoria, IL 309-676-xxxx
 Chicago, IL 312-294-xxxx
 Flint, MI 313-232-xxxx
 Pontiac, MI 313-253-xxxx
 Ann Arbor, MI 313-662-xxxx
 Detroit, MI 313-961-xxxx
 St. Louis, MO 314-421-xxxx
 Columbia, MO 314-442-xxxx
 Syracuse, NY 315-471-xxxx
 Wichita, KS 316-263-xxxx
 Indianapolis, IN 317-634-xxxx
 Richmond, IN 317-962-xxxx
 Lafayette, LA 318-234-xxxx
 Monroe, LA 318-322-xxxx
 Shreveport, LA 318-425-xxxx
 Lake Charles, LA 318-439-xxxx
 Waterloo, IA 319-234-xxxx
 Davenport, IA 319-323-xxxx
 Iowa City, IA 319-351-xxxx
 Cedar Rapids, IA 319-366-xxxx
 Dubuque, IA 319-556-xxxx
 Providence, RI 401-955-xxxx
 Omaha, NE 402-341-xxxx
 Lincoln, NE 402-475-xxxx
 Norcross, GA 404-242-xxxx
 Hartwell, GA 404-376-xxxx
 Smyrna, GA 404-435-xxxx
 Atlanta, GA 404-659-xxxx
 Augusta, GA 404-721-xxxx
 Oklahoma City, OK 405-239-xxxx
 Billings, MT 406-256-xxxx
 Helena, MT 406-442-xxxx
 Stuart, FL 407-286-xxxx
 Boca Raton, FL 407-393-xxxx
 Ft. Pierce, FL 407-461-xxxx
 Vero Beach, FL 407-569-xxxx
 Cocoa, FL 407-639-xxxx
 Melbourne, FL 407-768-xxxx
 West Palm Beach, FL 407-833-xxxx
 Orlando, FL 407-849-xxxx
 Salinas, CA 408-424-xxxx
 Santa Clara, CA 408-970-xxxx
 Bryan, TX 409-775-xxxx
 Beaumont, TX 409-839-xxxx
 Salisbury, MD 410-546-xxxx
 Pittsburgh, PA 412-261-xxxx
 Springfield, MA 413-737-xxxx
 Oshkosh, WI 414-231-xxxx
 Milwaukee, WI 414-273-xxxx
 Green Bay, WI 414-494-xxxx
 Appleton, WI 414-730-xxxx
 San Francisco, CA 415-243-xxxx
 Palo Alto, CA 415-321-xxxx
 Oakland, CA 415-763-xxxx
 Joplin, MO 417-623-xxxx
 Springfield, MO 417-831-xxxx
 Lima, OH 419-222-xxxx
 Toledo, OH 419-241-xxxx
 Fostoria, OH 419-435-xxxx
 Milan, OH 419-499-xxxx
 Mansfield, OH 419-522-xxxx
 Little Rock, AR 501-372-xxxx
 Fayetteville, AR 501-442-xxxx
 Pine Bluff, AR 501-534-xxxx
 Ft. Smith, AR 501-782-xxxx
 Paducah, KY 502-441-xxxx
 Louisville, KY 502-561-xxxx
 Rogers, KY 502-631-xxxx
 Owensboro, KY 502-683-xxxx
 Bowling Green, KY 502-745-xxxx
 Portland, OR 503-228-xxxx
 Eugene, OR 503-484-xxxx
 Corvallis, OR 503-758-xxxx
 Medford, OR 503-779-xxxx
 Baton Rouge, LA 504-334-xxxx
 New Orleans, LA 504-528-xxxx
 Albuquerque, NM 505-247-xxxx
 Rochester, MN 507-288-xxxx
 Winona, MN 507-452-xxxx
 Framingham, MA 508-370-xxxx
 Lawrence, MA 508-451-xxxx
 Yakima, WA 509-453-xxxx
 Spokane, WA 509-747-xxxx

Harlingen, TX 512-421-xxxx
 Austin, TX 512-475-xxxx
 McAllen, TX 512-687-xxxx
 Corpus Christi, TX 512-887-xxxx
 Dayton, OH 513-223-xxxx
 Springfield, OH 513-325-xxxx
 Cincinnati, OH 513-721-xxxx
 Des Moines, IA 515-243-xxxx
 Ft. Dodge, IA 515-955-xxxx
 Garden City, NY 516-222-xxxx
 Lansing, MI 517-371-xxxx
 Midland, MI 517-631-xxxx
 Bay City, MI 517-667-xxxx
 Saginaw, MI 517-771-xxxx
 Jackson, MI 517-783-xxxx
 Albany, NY 518-449-xxxx
 Jackson, MS 601-352-xxxx
 Gulfport, MS 601-863-xxxx
 Phoenix, AZ 602-266-xxxx
 Tucson, AZ 602-617-xxxx
 Manchester, NH 603-669-xxxx
 Nashua, NH 603-880-xxxx
 Sioux Falls, SD 605-331-xxxx
 Lexington, KY 606-258-xxxx
 Binghampton, NY 607-722-xxxx
 Elmira, NY 607-732-xxxx
 Corning, NY 607-936-xxxx
 Madison, WI 608-251-xxxx
 Janesville, WI 608-752-xxxx
 LaCrosse, WI 608-782-xxxx
 Pleasantville, NJ 609-383-xxxx
 Mercerville, NJ 609-890-xxxx
 St. Cloud, MN 612-251-xxxx
 Monticello, MN 612-295-xxxx
 Minneapolis, MN 612-332-xxxx
 Columbus, OH 614-222-xxxx
 Nashville, TN 615-256-xxxx
 Johnson City, TN 615-282-xxxx
 Knoxville, TN 615-524-xxxx
 Chattanooga, TN 615-756-xxxx
 Grand Rapids, MI 616-241-xxxx
 Kalamazoo, MI 616-385-xxxx
 Battle Creek, MI 616-962-xxxx
 Boston, MA 617-267-xxxx
 Carbondale, IL 618-453-xxxx
 Lawrenceville, IL 618-943-xxxx
 San Diego, CA 619-293-xxxx
 Palm Springs, CA 619-325-xxxx
 Bismark, ND 701-222-xxxx
 Las Vegas, NV 702-388-xxxx
 Reno, NV 702-786-xxxx
 Roanoke, VA 703-342-xxxx
 Reston, VA 703-391-xxxx
 Harrisonbu, VA 703-433-xxxx
 Falls Church, VA 703-536-xxxx
 Centerville, VA 703-631-xxxx
 Culpeper, VA 703-825-xxxx
 Edinburg, VA 703-984-xxxx
 Troutville, VA 703-992-xxxx
 Lexington, NC 704-242-xxxx
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 Charlotte, NC 704-377-xxxx
 Salisbury, NC 704-633-xxxx
 Concord, NC 704-782-xxxx
 Columbus, GA 706-323-xxxx
 Athens, GA 706-353-xxxx
 Hinsdale, IL 708-323-xxxx
 Northbrook, IL 708-480-xxxx
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 Storm Lake, IA 712-732-xxxx
 Westheimer, TX 713-235-xxxx
 Dairy Ashford, TX 713-293-xxxx
 Greenspoint, TX 713-423-xxxx
 Houston, TX 713-652-xxxx
 Anaheim, CA 714-490-xxxx
 Santa Ana, CA 714-667-xxxx
 Rialto, CA 714-820-xxxx
 Ontario, CA 714-983-xxxx
 Eau Claire, WI 715-832-xxxx
 Rochester, NY 716-262-xxxx
 Buffalo, NY 716-847-xxxx
 Harrisburg, PA 717-233-xxxx
 Scranton, PA 717-341-xxxx
 Hallstead, PA 717-879-xxxx

Colorado Springs, CO 719-577-xxxx
 Salt Lake City, UT 801-596-xxxx
 Burlington, VT 802-657-xxxx
 Greenville, SC 803-235-xxxx
 Rock Hill, SC 803-324-xxxx
 Myrtle Beach, SC 803-448-xxxx
 Spartanburg, SC 803-542-xxxx
 Florence, SC 803-665-xxxx
 Charleston, SC 803-722-xxxx
 Columbia, SC 803-799-xxxx
 Richmond, VA 804-233-xxxx
 Charlottesville, VA 804-295-xxxx
 Lynchburg, VA 804-522-xxxx
 Norfolk, VA 804-625-xxxx
 Danville, VA 804-793-xxxx
 Hampton, VA 804-838-xxxx
 Bakersfield, CA 805-327-xxxx
 Santa Barbara, CA 805-965-xxxx
 Amarillo, TX 806-373-xxxx
 Lubbock, TX 806-762-xxxx
 Terre Haute, IN 812-231-xxxx
 Bloomington, IN 812-332-xxxx
 Evansville, IN 812-423-xxxx
 Tampa, FL 813-248-xxxx
 Ft. Meyers, FL 813-337-xxxx
 Feathersound, FL 813-556-xxxx
 Lakeland, FL 813-666-xxxx
 Sarasota, FL 813-951-xxxx
 Erie, PA 814-455-xxxx
 Altoona, PA 814-942-xxxx
 Dekalb, IL 815-753-xxxx
 Rockford, IL 815-963-xxxx
 Kansas City, MO 816-283-xxxx
 Ft. Worth, TX 817-329-xxxx
 Waco, TX 817-755-xxxx
 Wichita Falls, TX 817-766-xxxx
 Sherman Oaks, CA 818-906-xxxx
 Memphis, TN 901-579-xxxx
 Tallahassee, FL 904-222-xxxx
 Daytona Beach, FL 904-258-xxxx
 Lynn Haven, FL 904-265-xxxx
 Gainesville, FL 904-316-xxxx
 Jacksonville, FL 904-355-xxxx
 Pensacola, FL 904-455-xxxx
 Panama City, FL 904-522-xxxx
 St. Augustine, FL 904-829-xxxx
 Ft. Walton Beach, FL 904-897-xxxx
 Iron Mountain, MI 906-774-xxxx
 New Brunswick, NJ 908-828-xxxx
 Savannah, GA 912-234-xxxx
 Albany, GA 912-431-xxxx
 Macon, GA 912-474-xxxx
 Topeka, KS 913-232-xxxx
 Poughkeepsie, NY 914-485-xxxx
 White Plains, NY 914-683-xxxx
 Midland, TX 915-221-xxxx
 El Paso, TX 915-533-xxxx
 San Angelo, TX 915-658-xxxx
 Abilene, TX 915-675-xxxx
 Redding, CA 916-241-xxxx
 Chico, CA 916-343-xxxx
 Sacramento, CA 916-444-xxxx
 Tulsa, OK 918-587-xxxx
 Burlington, NC 919-222-xxxx
 Wilmington, NC 919-251-xxxx
 Laurinburg, NC 919-276-xxxx
 Durham, NC 919-361-xxxx
 Greensboro, NC 919-378-xxxx
 Rocky Mount, NC 919-442-xxxx
 Fayetteville, NC 919-485-xxxx
 Winston Salem, NC 919-650-xxxx
 Sanford, NC 919-774-xxxx
 Highpoint, NC 919-841-xxxx
 Raleigh, NC 919-850-xxxx
 Chapel Hill, NC 919-929-xxxx

FUTURE EXPANSION PLANS

DataXchange plans to connect Denver, Dallas and Boston to its 45 Mbps DS-3 ATM backbone in 1997. DataXchange expects to offer higher speed access at 10 Mbps Ethernet and 45 Mbps in the near future, as well. ♦



91

books on Web marketing.

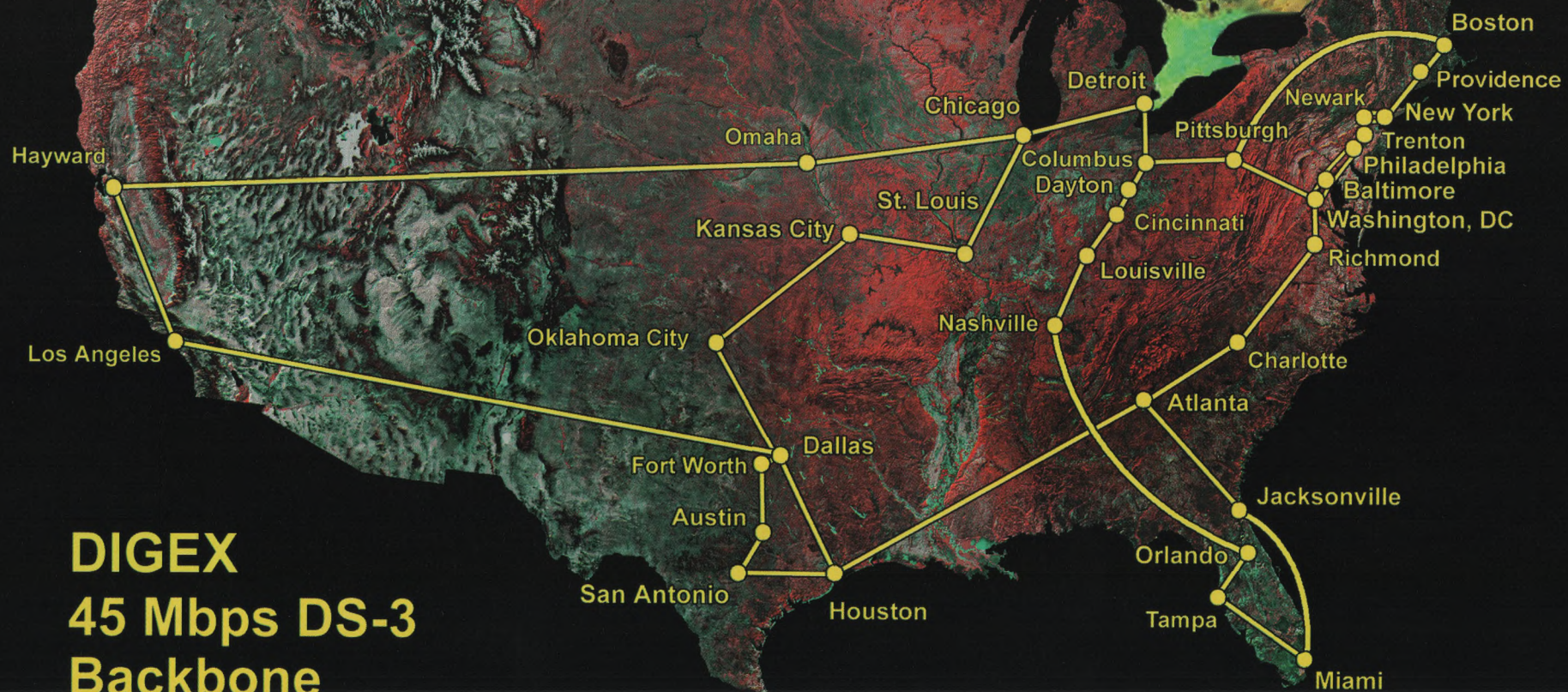
2.5 million

books you could market
from *your* Web site.

What's your Web site all about? Are there books on that topic? Sure there are. And now you can earn money by marketing them as an Amazon.com Associate. It's easy. Amazon.com handles inventory, transaction security, shipping and customer service. All you do is choose, list and perhaps review the books (you know, the fun part). It'll broaden your Web site's appeal and earn referral fees for you in the process.

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DIGEX
45 Mbps DS-3
Backbone

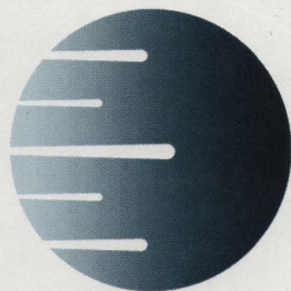
DIGEX, Incorporated

Beltsville, Maryland

HISTORY

In 1991, DIGEX began providing Internet products and services in the greater Washington, D.C. area, followed by points of presence (POPs) and a fault-tolerant network throughout the Northeast region. In June 1996, DIGEX completed the first phase of its national backbone, connecting 31 U.S. metropolitan business centers with DS-3 POPs. The company completed an initial public offering in October 1996, providing capital to continue expansion of network infrastructure and fund customer acquisition programs. In January 1997, DIGEX acquired Electronic Press Services, a prominent developer of electronic commerce applications and integration services for complex web sites.

On June 5, Intermedia Communications, a telecommunications provider for the southeast, announced an agreement to purchase Digex for \$150 million. Intermedia offers a variety of telecommunications services, including long distance, leased lines, and Web-related services for corporations. The combined company will have over 18,000 business and gov-



DIGEXSM
BUSINESS INTERNET

ernment customers, over 1,500 employees, and annualized monthly revenue of more than \$200 million. The acquisition has already been approved by the board of directors for both firms. Intermedia will purchase all outstanding Digex stock for \$13 per share.

Like many of the national backbone operators, DIGEX reported large revenue gains but losses in overall earnings in 1996 due to the building of infrastructure and increasing customer demand. The company reported that revenues more than tripled over the past year to \$15.6 million. The net loss for 1996 was \$23.7 million or \$3.68 per share, compared to net losses of \$4.3 million or \$0.63 per share for 1995. Digex said the losses reflected substantial investment

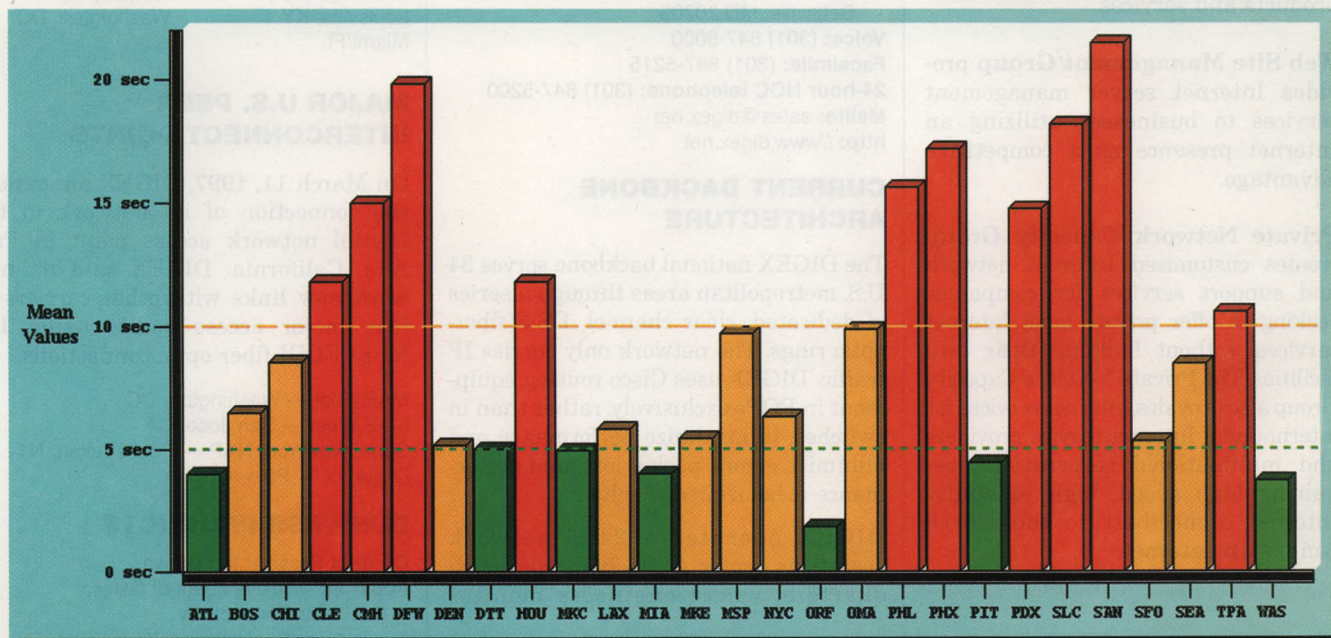
in the construction and start-up of the company's national Internet network and the development of the web site management infrastructure.

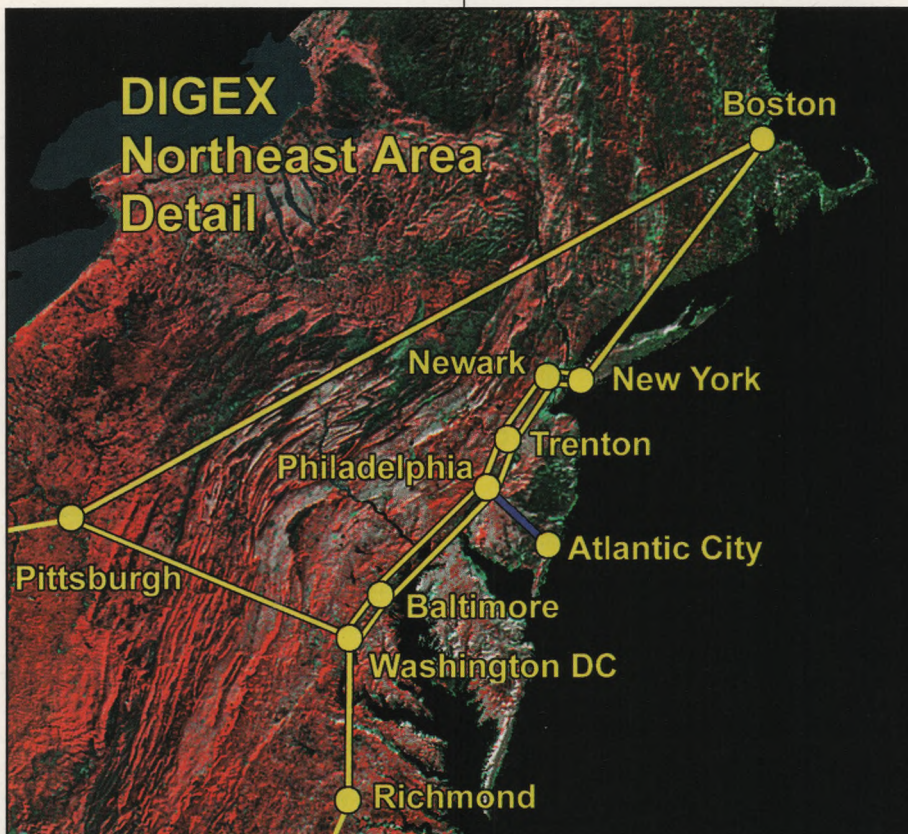
DIGEX offers a comprehensive range of Internet products and services, including high-speed dedicated business connectivity, web site management and private network capacity. DIGEX provides backbone services to other telecommunications service providers, including SBC Communications, LCI International, WinStar Communications and Orion Network Systems. DIGEX manages Internet sites for hundreds of corporations, including Amtrak, CIGNA, Ernst & Young, PointCast and The World Bank. Operations relying on DIGEX for high-speed Internet

DIGEX

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60213

AVERAGE: 9.162 sec
DEVIATION: 31.752 sec





connectivity include the Securities and Exchange Commission, Alcoa, Comsat, Oracle, and the NBA.

DIGEX delivers its business Internet services through three distinct business units:

- **Business Connectivity Group** offers businesses Internet access and serves as a single, supplier of router hardware, security, installation, maintenance and education products and services.
- **Web Site Management Group** provides Internet server management services to businesses utilizing an Internet presence as a competitive advantage.
- **Private Network Capacity Group** creates customized Internet network and support services for companies seeking to offer private label Internet services without building their own facilities. The Private Network Capacity Group also provides Internet services for international Internet service providers and multinational corporations requiring high speed, high reliability Internet connectivity to the North American Internet.

COMPANY DESCRIPTION

CEO: Christopher R. McCleary
NASDAQ: DIGX
Consumer dial-up accounts: 10,000
Business dedicated access accounts: 1,505
Annual revenues from Internet-related operations: \$15.6 million
Earnings: -\$23.7 million
Total POPs: 43
Total dial-up ports: None
Number of employees: 400
Office location: Beltsville, MD
Street mailing address: One DIGEX Plaza, Beltsville, MD 20705
Voice: (301) 847-5000
Facsimile: (301) 847-5215
24-hour NOC telephone: (301) 847-5200
Mailto: sales@digex.net
http: //www.digex.net

CURRENT BACKBONE ARCHITECTURE

The DIGEX national backbone serves 34 U.S. metropolitan areas through a series of dedicated, clear channel, DS-3 fiber-optic rings. The network only carries IP traffic. DIGEX uses Cisco routing equipment in POPs exclusively, rather than in switches, to maximize performance and minimize errors, packet loss, and performance measuring difficulty.

DIGEX operates a 24x7 network operations center at its Beltsville headquarters, where engineers monitor

DIGEX's network and customer connections to the Internet. All DIGEX managed web sites reside on dedicated servers in a web site management facility at DIGEX's headquarters. These servers are directly connected via dedicated 10 Mbps Ethernet to DIGEX's backbone.

On April 26, 1997, DIGEX announced plans to add an OC-12 SONET ring between the company's Washington, DC headquarters, MAE East, and several POPs in Maryland and Northern Virginia. Completion of the OC-12 expansion was scheduled for May of 1997. DIGEX said the addition of the OC-12 ring will increase the company's capacity by over 100 percent within the mid-Atlantic region and will support the high-bandwidth requirements of additional DIGEX customers in the area.

Senior Network Architect

Engineer: Ed Kern

MailTo: ejk@digex.net

MAJOR U.S. BACKBONE CITIES

Atlanta, GA	Lauderdale, FL
Austin, TX	Nashville, TN
Baltimore, MD	New York, NY
Boston, MA	Newark, NJ
Charlotte, NC	Oklahoma City, OK
Chicago, IL	Omaha, NE
Cincinnati, OH	Orlando, FL
Columbus, OH	Philadelphia, PA
Dallas, TX	Pittsburgh, PA
Dayton, OH	Providence, RI
Detroit, MI	Richmond, VA
Fort Worth, TX	San Antonio, TX
Hayward, CA	San Francisco/San Jose, CA
Houston, TX	St. Louis, MO
Jacksonville, FL	Tampa, FL
Kansas City, MO	Trenton, NJ
Los Angeles, CA	Washington, DC
Louisville, KY	
Miami/Ft.	

MAJOR U.S. PEER INTERCONNECT POINTS

On March 11, 1997, DIGEX announced the connection of its network to the Digital network access point in Palo Alto, California. DIGEX said its network now links with other carriers in four major access points using 100 Mbps FDDI fiber optic connections.

MAE East — Washington, DC
 MAE West — San Jose, CA
 Sprint New York NAP — Pennsauken, NJ
 Digital IX — Palo Alto, CA

BUSINESS PRODUCTS

Contact Person: Ian Brown

Position: Vice President of Sales, Business Connectivity

Voice: (800) 99-DIGEX
MailTo: sales@digex.net

DIGEX offers Frame Relay, direct leased-line connections, Ethernet Plus and Switched Multimegabit Data Service (SMDS). Internet security services include turnkey firewall installations based on commercial products from Raptor Systems (Eagle Firewall), Checkpoint Technologies (Firewall-1), and Secure Computing Corporation (Side-winder). Configurations include single-site Internet firewall and multiple-site installations using Virtual Private Networking (VPN) based on encryption technologies, as well as secure encrypted connections for individual remote users. DIGEX offers a customer satisfaction guarantee allowing customers to cancel service within the first 30 days after installation and receive a refund of the monthly service charge.

DIGEX LEASED LINE

DIGEX leased-line service provides dedicated, point-to-point circuits to connect LANs and enterprises directly to DIGEX's Internet network. DIGEX leased-lines are available in 56 Kbps, Fractional T-1, Burstable T-1, T-1, Fractional T-3, Burstable T-3 and T-3 bandwidths.

45 Mbps T-3 LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30 - 40 business days
Setup: \$21,000
Monthly: \$35,775
Recommended Equipment:
 Cisco 7010 router, Digital Link CSU/DSU

BURSTABLE T-3 LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30-40 business days
Setup: \$4,500
Monthly: \$14,000-\$59,400
Recommended Equipment:
 Cisco 7010 router, Digital Link CSU/DSU

12 Mbps FRACTIONAL T-3 LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30-40 business days
Setup: \$9,540
Monthly: \$6,000
Recommended Equipment:
 Cisco 7010 router, Digital Link CSU/DSU

SMDS (Switched Multimegabit Data Service)

A wide range of scaleable services (1.17 Mbps to 34 Mbps) designed for metropolitan-central business customers seeking a cost-effective way to support all Internet applications.

Availability: Selected metropolitan areas
Average Installation Time: 30-40 business days
Setup: \$2,495 - \$5,000
Monthly: \$1,200 - \$11,500
Recommended Equipment:
 Cisco 7010 router, Digital Link CSU/DSU

1.544 Mbps T-1 LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30-40 business days
Setup: \$2,995
Monthly: \$2,295
Recommended Equipment:
 Cisco 2501/1005 router, Digital Link CSU/DSU

BURSTABLE T-1 LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30-40 business days
Setup: \$2,995
Monthly charges: \$1,050-2,750
Recommended Equipment:
 Cisco 2501/1005 router, Digital Link CSU/DSU

128 Kbps FRACTIONAL T-1 LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30-40 business days
Setup: \$1,995
Monthly: \$895
Recommended Equipment:
 Cisco 2501/1005 router, Digital Link CSU/DSU

56 Kbps LEASED LINE

Availability: Throughout U.S.
Average Installation Time: 30-40 business days
Setup: \$1,995
Monthly: \$695
Recommended Equipment:
 Cisco 2501/1005 router, Adtran CSU/DSU

DIGEX FRAME RELAY

DIGEX Frame Relay service connects LANs directly to DIGEX's fault-tolerant, clear channel network. DIGEX Frame Relay service is available at a flat monthly rate in most areas for bandwidths between 56 Kbps and 1.544 Mbps.

1.544 Mbps FRAME RELAY

Availability: Throughout U.S.
Average Installation Time: 30 - 40 business days
Setup: \$2,495
Monthly: \$2,180
Recommended Equipment: Cisco 2501/1005 router, Digital Link CSU/DSU

56 Kbps FRAME RELAY

Availability: Throughout U.S.
Average Installation Time: 30 - 40 business days
Setup: \$395
Monthly charges: \$395
Recommended Equipment: Cisco 2501/1005 router, Digital Link CSU/DSU

WEB HOSTING

Contact Person: Bryan Gernert
Position: Director of Sales, Web Site Management

Voice: (888)88-DIGEX
MailTo: serversales@digex.net

WebPremier UNIX Series

Sun Sparc-based web servers

Average Installation Time:
 Overnight to 10 business days
Setup: \$295 - \$4,995
Monthly: \$295 - \$4,995

WebPremier NT Series

Microsoft Windows NT servers on Compaq server hardware.

Average Installation Time:
 Overnight to 10 business days
Setup: \$895 - \$4,995
Monthly: \$895 - \$4,995

WebLocate Series

Designed for customers who have the technical expertise to configure and maintain their own hardware, yet desire an Internet connection and facility maintenance. This service enables a customer to place hardware at DIGEX's web site management facility.

Average Installation Time:
 Overnight to 10 business days
Setup: \$1,995 - \$8,995
Monthly: \$1,995 - \$8,995

INTRANET SERVICES

Private Network Capacity

Person: Nick Magliato
Position: Vice President, General Manager, Private Network Capacity Group
Voice: (301) 847-5014
Mailto: nickm@digex.net

The Private Network Capacity Group provides customized services for systems integrators, cable operators, telecommunications and other Internet service providers which enables them to offer branded Internet access and web site management services without building their own facilities. This program allows for private-labeled Internet servers and high speed ports to be allocated anywhere on the DIGEX backbone. Instead of buying a resale connection, performing service aggregation and paying for unused bandwidth, DIGEX's Private Network program allows customers to purchase and resell Internet services as needed.

DIGEX has developed a separate program to support Internet service providers who seek aggregation connectivity. The company offers grade of service plans ensuring customer throughput requirements and bandwidths from 56 Kbps to burstable T-3.

In addition, DIGEX offers BGP4 peering and custom engineered services.

DIGEX has also added an international service for carriers not based in the U.S. This service offers international ISPs and telecommunications companies a product that directly connects to the North American backbone. DIGEX uses both satellite and fiber optics to carry the traffic back to the U.S.

CONSUMER PRODUCTS

NetPreferred

Unlimited usage with a PPP connection. Includes a licensed copy of Microsoft Internet Explorer and other pre-configured software, POP mail account and USENET news services. Volume discounts available for more than five accounts.

Availability: Throughout U.S.

Setup: \$9.95

Monthly: \$29.95

Optional Annual Billing: \$299.50

Hours Included: Unlimited

800 Access Surcharge: \$6 per hour

Recommended Hardware: 8 MB of RAM, 3 MB hard disk space and 28.8 Kbps modem.

NetPreferred Plus

Unlimited usage with a PPP or a Shell

account. Includes 5 MB of web page and file storage. Also includes licensed copy of Microsoft Internet Explorer and other pre-configured software, POP mail account and USENET news services. Volume discounts available for more than five accounts.

Availability: Throughout U.S.

Setup: \$9.95

Monthly: \$34.95

Optional Annual Billing: \$349.50

Hours Included: Unlimited

800 Access Surcharge: \$6 per hour

Recommended Hardware: 8 MB of RAM, 3 MB hard disk space and 28.8 Kbps modem.

DIAL-UP POINTS OF PRESENCE

Dumont/Fairlawn, NJ	201-229-0202
Livingston/Orange, NJ	201-338-0100
Bayonne/Jersey City, NJ	201-422-0300
Rutherford/Hackensack, NJ	201-460-2804
New York, NY	212-843-2102
New York, NY	212-971-1100
Doylestown, PA	215-343-8967
Philadelphia, PA	215-349-6106
Greenbelt, MD	301-220-0258
Greenbelt, MD	301-220-0511
Greenbelt, MD	301-220-1555
Frederick, MD	301-414-0091
Myersville, MD	301-416-8510
Gaithersburg, MD	301-549-1752
Hagerstown, MD	301-714-2010
Hagerstown, MD	301-714-2020
Waldorf, MD	301-778-5254

Towson, MD	410-296-0479
Annapolis, MD	410-451-0390
Glen Burnie, MD	410-487-5252
Westminster, MD	410-583-5252
Harford County, MD	410-605-2700
Chestertown, MD	410-758-2515
Baltimore, MD	410-792-4115
Easton/Kent Island, MD	410-819-8570
Harford County, MD	410-877-9586
Pittsburgh, PA	412-565-3104
Trenton, NJ	609-278-8909
Atlantic City, NJ	609-348-6203
Atlantic City, NJ	609-407-2100
Avalon/Cape May, NJ	609-390-1496
Ocean City, NJ	609-391-2200
Hammononton, NJ	609-476-3894
Beach Haven, NJ	609-484-9553
Wilmington/Holly Oak, PA	610-588-0707
Westchester/Mendenhall, PA	610-558-0707
Lansdale/Collegeville, PA	610-631-6476
Boston, MA	617-728-9000
Manassas/Woodbridge, VA	703-207-0191
Tappahannock, VA	804-443-0034
Richmond, VA	804-771-5570
Plainfield, NJ	908-753-0050
Plainfield, NJ	908-753-0336
Plainfield, NJ	908-753-2401
New Brunswick, NJ	908-220-1188
New Brunswick, NJ	908-937-5565
New Brunswick, NJ	908-937-9481

FUTURE EXPANSION PLANS

DIGEX plans to expand its NAP presence in 1997 to include the Ameritech NAP in Chicago, IL and the Pac Bell NAP in San Francisco, CA. DIGEX will continue to add fault-tolerant, redundant DS-3 POPs to its backbone throughout 1997, serving the major U.S. metropolitan areas. DIGEX also intends to construct a redundant web site management facility on the West Coast by the end of 1997. ♦

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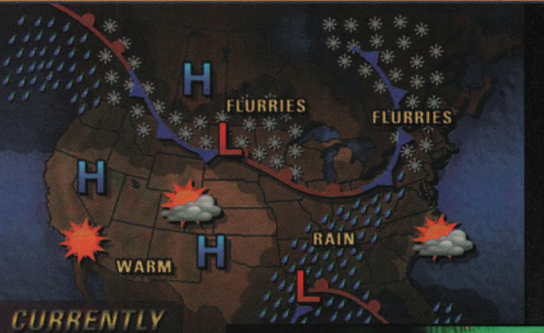
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BIG 4: 3, 6, 5, 0
CASH 5: 2, 12, 18, 23, 27

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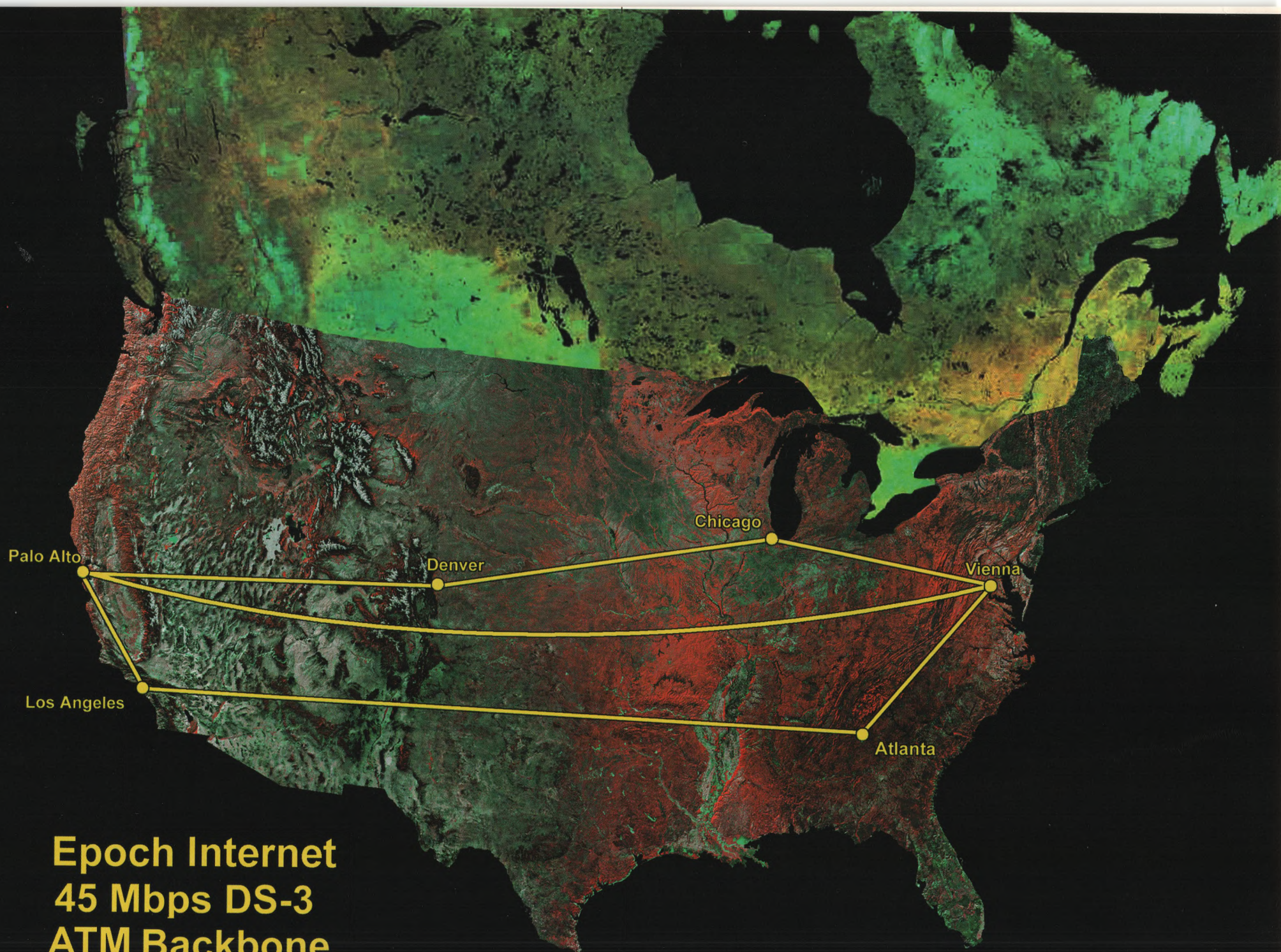
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Call 1.800.877.7533, ext. 6734 or visit www.usr.com/x2 for program details



Epoch Internet
45 Mbps DS-3
ATM Backbone

EPOCH Internet, Inc. Irvine, California

HISTORY

Epoch Internet's rapid growth has propelled it to the status of a national backbone operator. Scott Purcell, the CEO, founded the company in February 1994 as HLC Internet with four employees supplying value-added networking services and applications to businesses and organizations. In November 1996, the name changed to Epoch Networks, and in April 1997 the name changed again to Epoch Internet. With \$23 million in recently acquired financing, Epoch expects to continue to push into major markets around the nation.

The requirements of medium to large businesses and volunteer organizations, like the American Red Cross, created the need to develop a national network. Epoch clients include companies such as: Motorola, Reuters, Hughes, Virgin Interactive Entertainment, Mirage Resorts and Hotels, and C-Span, along with the American Red Cross.

From its headquarters in Irvine, California, the company has expanded to open offices in Seattle, Dallas, Denver, Lexington, Tampa, Washington DC, and Atlanta.

COMPANY DESCRIPTION

CEO: Scott Purcell
Stock Exchange: Privately held
Consumer subscribers: 20,000
Business accounts: 3,000
Revenues: None
Earnings: None
Total POPs: 22 Central Hubs, 814 Dial-up POPs
Employees: 170
Office location: Irvine, Seattle, Dallas, Denver, Washington DC, Lexington, Tampa, and Atlanta
Voice: (800) 915-5515
Network Operations Center: (800) NET-DOWN
Facsimile: (714) 474-8127
MailTo: info@eni.net
http://www.epochinternet.net

CURRENT BACKBONE ARCHITECTURE

During the Spring, Epoch Internet upgraded its DS-3 (45 Mbps) backbone to a clear-channel ATM network that is scaleable to OC-3 (155 Mbps). The redundant DS-3 network, using Cisco 7513 routers, connects six major metropolitan areas, and a second layer of T-1s connects 17 additional metropolitan areas. The company is also expanding its network operations centers in Irvine, California and Atlanta, Georgia.

Senior Network Architect
Engineer: Brad Hall
MailTo: bchall@eni.net

BACKBONE CITIES

Atlanta, GA
 Chicago, IL
 Denver, CO
 Los Angeles, CA
 Palo Alto, CA
 Vienna, VA

MAJOR PEER INTERCONNECT POINTS

As a national service provider, Epoch connects to other backbone operators at the following major peer interconnect points:

CIX - Palo Alto, CA
 MAE East - Washington, DC
 MAE West - San Jose, CA
 MAE LA - Los Angeles, CA
 Ameritech Chicago NAP - Chicago, IL
 Pac Bell San Francisco NAP - San Francisco, CA
 Sprint New York NAP - Pennsauken, NJ
 Digital IX - Palo Alto, CA

BUSINESS PRODUCTS

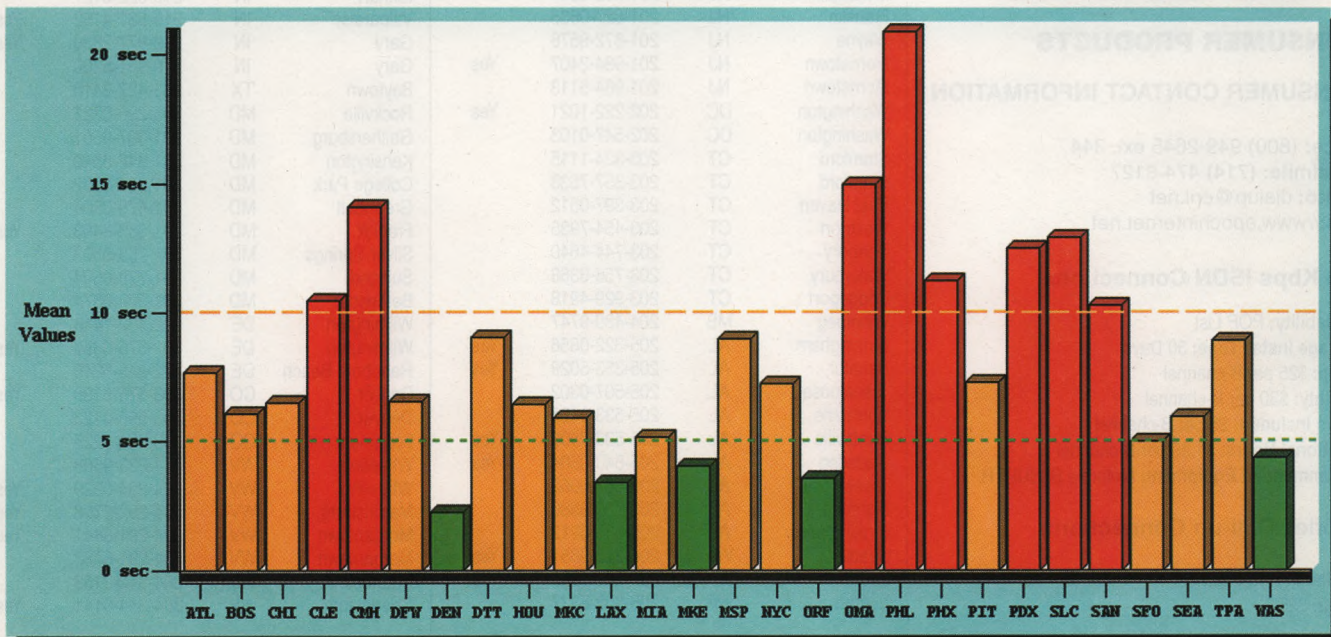
BUSINESS CONTACT INFORMATION

People: Bob Brawley, J.T. Hardy, Steve Schrier
Position: Sales Manager

EPOCH Networks

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 58217

AVERAGE: 7.972
 DEVIATION: 41.951



Voice: (714) 474-4950
Facsimile: (714) 474-8127
MailTo: bhawley@eni.net, Jhardy@eni.net,
 sschrier@eni.net
http://www.eni.net

45 Mbps T-3 CONNECTIONS

Availability: Dedicated POP lines at hub cities
 or per quote
Average Installation Time: 45 days
Setup: \$15,000
Monthly: \$10,000-\$30,000
Recommended Equipment:
 Larscom CSU/DSU, Cisco router

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: POP List
Average Installation Time: 30-45 calendar days
Setup: \$1,500
Monthly: \$1,250
Recommended Equipment:
 Motorola CSU/DSU, Cisco router

128 Kbps LEASED LINE ACCESS

Availability: Selected cities
Average Installation Time: 30 calendar days
Setup: \$100
Monthly: \$250
Recommended Equipment:
 Ascend router and CSU/DSU

56 Kbps LEASED LINE ACCESS

Availability: POP List
Average Installation Time: 30 days
Setup: \$275
Monthly: \$240
Recommended Equipment: Cisco, Motorola

WEB HOSTING

BASIC WEB HOSTING SERVICE

Setup: \$250
Monthly: \$25 up to 10 pages, less than 2 MB;
 \$150 unlimited pages less than 15 MB,
 \$1.25 for each additional MB.

CONSUMER PRODUCTS

CONSUMER CONTACT INFORMATION

Voice: (800) 949-2645 ext. 344
Facsimile: (714) 474-8127
Mailto: dialup@eni.net
http://www.epochinternet.net

128 Kbps ISDN Connections

Availability: POP List
Average Install Time: 30 Days
Setup: \$25 per B-channel
Monthly: \$30 per B-channel
Hours Included: 25 per B-channel
Additional Hours: \$1.95 per B-channel
Recommended Equipment: Motorola BitSURFR

K56flex Dial-up Connections

Availability: Nationwide
Setup: \$25

Monthly: \$19.95
Hours Included: 60
Additional hours: \$1.50 per hour

28.8 Dial-up Connections

Product: Basic Plan
Availability: Nationwide
Setup: \$0
Monthly: \$9.95
Hours Included: 7
Additional hours: \$1.95 per hour
Limitations: Analog up to 33.6 Kbps.

Product: Extended Plan
Availability: Nationwide
Setup: \$0
Monthly: \$19.95
Hours Included: 60
Additional hours: \$1.50 per hour
Limitations: Analog up to 33.6 Kbps.

Product: 800 Number Access
Availability: Nationwide
Setup: \$0
Hourly: \$8.95
 One hour per month minimum.



EPOCH'S DIAL-UP POPS

City	State	Telephone	ISDN
Ridgewood	NJ	201-251-7865	
Paterson	NJ	201-279-1225	Yes
Hackensack	NJ	201-287-0315	Yes
Irvington	NJ	201-371-2007	Yes
Newark	NJ	201-622-1592	Yes
Newark	NJ	201-623-5666	
Rochelle	NJ	201-712-0479	
Montclair	NJ	201-783-0644	
Franklin	NJ	201-827-0636	
Wayne	NJ	201-872-9576	
Morristown	NJ	201-984-2407	Yes
Morristown	NJ	201-984-5113	
Washington	DC	202-222-1021	Yes
Washington	DC	202-547-0103	
Stamford	CT	203-324-1115	
Stamford	CT	203-357-7638	
East Haven	CT	203-397-0512	
Westport	CT	203-454-7935	
Danbury	CT	203-744-4640	
Waterbury	CT	203-756-6368	
Bridgeport	CT	203-929-4918	
Winnipeg	MB	204-489-9747	
Birmingham	AL	205-322-0856	Yes
Decatur	AL	205-353-5029	Yes
Tuscaloosa	AL	205-507-0302	
Huntsville	AL	205-533-0196	
Huntsville	AL	205-533-0409	Yes
Gadsden	AL	205-543-0504	Yes
Tuscaloosa	AL	205-562-0062	
Florence	AL	205-760-8580	
Birmingham	AL	205-933-6212	
Seattle-2	WA	206-223-9651	Yes
Everett	WA	206-261-1320	Yes
Everett	WA	206-303-8377	
Seattle	WA	206-441-2632	Yes
Seattle	WA	206-515-6000	
Tacoma	WA	206-597-8996	Yes
Redmond	WA	206-739-0181	Yes
Tacoma	WA	206-922-1246	
Portland	ME	207-775-6249	
Portland	ME	207-842-1300	Yes
Bangor	ME	207-941-9904	
Pocatello	ID	208-232-0123	
Boise	ID	208-344-3712	
Boise	ID	208-381-6880	Yes
Ketchum	ID	208-788-3433	
Clovis	CA	209-291-0167	Yes
Fresno	CA	209-453-1487	
Stockton	CA	209-462-0103	
Stockton	CA	209-463-0351	Yes
Fresno	CA	209-495-1007	Yes
Modesto-2	CA	209-531-1416	Yes
Modesto	CA	209-574-0196	Yes
Modesto	CA	209-578-6524	
Visalia	CA	209-635-0181	Yes
Brownsville	TX	210-233-1241	
Edinburg	TX	210-318-5767	
San Antonio	TX	210-354-4059	Yes
Harlingen	TX	210-428-7010	
Laredo	TX	210-725-9163	
San Antonio	TX	210-736-8645	
New York	NY	212-238-4220	Yes
New York-2	NY	212-416-1980	Yes
New York	NY	212-634-4564	
Montebello	CA	213-490-0502	
Los Angeles	CA	213-527-0501	
Los Angeles	CA	213-628-0293	Yes
Dallas	TX	214-720-9183	
Dallas	TX	214-741-1839	Yes
Philadelphia-2	PA	215-440-5580	Yes
Philadelphia	PA	215-561-1634	
Cleveland	OH	216-861-4488	Yes
Champaign	IL	217-356-1082	
Champaign	IL	217-398-3250	Yes
Decatur	IL	217-422-3026	
Springfield	IL	217-527-3440	Yes
Springfield	IL	217-789-9412	
Duluth	MN	218-722-0017	
South Bend	IN	219-239-2090	Yes
Warsaw	IN	219-267-1463	
South Bend	IN	219-271-0016	
Elkhart	IN	219-293-3577	Yes
Fort Wayne	IN	219-439-0592	Yes
Fort Wayne	IN	219-447-9258	
Elkhart	IN	219-522-6127	
Valparaiso	IN	219-531-4152	Yes
Gary	IN	219-977-2330	Yes
Gary	IN	219-981-5200	
Baytown	TX	281-427-2418	
Rockville	MD	301-296-0721	
Gaithersburg	MD	301-337-0501	
Kensington	MD	301-348-0540	
College Park	MD	301-364-0532	
Greenbelt	MD	301-479-0504	
Fredrick	MD	301-663-8403	Yes
Silver Springs	MD	301-755-0503	
Suitland	MD	301-778-0504	
Bethesda	MD	301-968-0571	
Wilmington	DE	302-452-1448	
Wilmington	DE	302-576-0357	Yes
Rehoboth Beach	DE	302-945-5245	
Denver	CO	303-575-6188	Yes
Denver	CO	303-595-0123	
Longmont	CO	303-684-9225	
Wheeling	WV	304-233-9508	
Wheeling	WV	304-234-0229	Yes
Martinsburg	WV	304-262-2708	Yes
Morgantown	WV	304-291-3441	Yes
Morgantown	WV	304-291-6783	
Charleston	WV	304-342-0153	
Charleston	WV	304-344-0141	Yes

NATIONAL BACKBONE OPERATORS — EPOCH

City	State	Telephone	ISDN	City	State	Telephone	ISDN	City	State	Telephone	ISDN
Parkersburg	WV	304-424-6003		Vancouver	WA	360-604-6016		Springfield	MO	417-887-8767	
Huntington	WV	304-522-0301	Yes	Bellingham	WA	360-647-9562	Yes	Quebec City	QC	418-649-7082	
Clarksburg	WV	304-624-4023	Yes	Providence	RI	401-276-7700	Yes	Toledo	OH	419-242-5706	
Huntington	WV	304-733-0026		Providence	RI	401-435-1100		Toledo	OH	419-246-2010	Yes
Miami	FL	305-262-9325		Omaha	NE	402-233-7768	Yes	Findlay	OH	419-420-7200	
Key West	FL	305-294-5979		Lincoln	NE	402-435-7915	Yes	Kingsport	TN	423-239-0052	
Miami	FL	305-358-6951	Yes	Calgary	AB	403-294-9120		Johnson City	TN	423-434-0590	
Saskatoon	SK	306-242-4660		Edmonton	AB	403-440-2744		Knoxville	TN	423-524-5333	Yes
Regina	SK	306-352-7168		Atlanta	GA	404-817-8166	Yes	Knoxville	TN	423-558-8180	
Casper	WY	307-266-2392		Atlanta	GA	404-841-0578		Chattanooga	TN	423-756-3630	Yes
Cheyenne	WY	307-632-0486		Atlanta-2	GA	404-965-0102		Little Rock	AR	501-375-1590	Yes
Cheyenne	WY	307-633-2980	Yes	Oklahoma City	OK	405-270-0346	Yes	Fayetteville	AR	501-442-5203	Yes
Jackson	WY	307-739-2280		Lawton	OK	405-355-8118		Fayetteville	AR	501-521-3774	
Laramie	WY	307-742-2320		Stillwater	OK	405-742-4600		Pine Bluff	AR	501-534-2288	
Bloomington	IL	309-434-6030	Yes	Oklahoma City	OK	405-942-7278		Fort Smith	AR	501-782-5043	Yes
Peoria	IL	309-688-9500		Billings	MT	406-259-0299		Fort Smith	AR	501-785-0047	
Bloomington	IL	309-829-0156		Helena	MT	406-449-0083		Louisville	KY	502-583-4400	Yes
Hawthorne	CA	310-355-1935	Yes	Butte	MT	406-496-4080		Bowling Green	KY	502-783-8200	Yes
Carson	CA	310-507-0502		Orlando	FL	407-648-2090	Yes	Portland	OR	503-294-5600	Yes
Long Beach	CA	310-624-9090	Yes	Melbourne	FL	407-723-0215		Salem	OR	503-316-2070	Yes
Beverly Hills	CA	310-734-0503		Melbourne	FL	407-723-1064	Yes	Beaverton	OR	503-677-2210	Yes
Compton	CA	310-735-0503		Orlando	FL	407-896-6122		Portland-2	OR	503-731-6020	Yes
Culver City	CA	310-736-0501		Kissimmee	FL	407-932-0018		Baton Rouge	LA	504-383-6126	Yes
El Segundo	CA	310-765-0502		San Jose	CA	408-268-0582	Yes	New Orleans	LA	504-525-3564	Yes
Gardena	CA	310-819-0502		San Jose	CA	408-273-4213		Houma	LA	504-853-0413	Yes
Hawthorne	CA	310-844-0501		Santa Cruz	CA	408-454-0327	Yes	Albuquerque	NM	505-242-8973	Yes
Inglewood	CA	310-846-0501		Santa Clara	CA	408-490-5401		Farmington	NM	505-326-5338	
Torrance	CA	310-953-0502		Monterey	CA	408-648-0139		Santa Fe	NM	505-438-3560	Yes
Chicago	IL	312-453-0655		Monterey	CA	408-655-1195	Yes	Las Cruces	NM	505-541-4549	
Franklin	IL	312-984-1580	Yes	Salinas	CA	408-751-0530	Yes	Los Alamos	NM	505-662-6971	
Chicago	IL	312-986-2476	Yes	Sunnyvale	CA	408-990-5401		Rochester	MN	507-252-9800	
Ann Arbor	MI	313-213-2220	Yes	Lufkin	TX	409-633-0001		Mankato	MN	507-388-4240	
Wayne	MI	313-629-2313		College Station	TX	409-696-4488		Medfield	MA	508-359-7603	
Belleville	MI	313-957-1268	Yes	Conroe	TX	409-756-8219		Westborough	MA	508-366-2617	
Detroit	MI	313-989-2310		Galveston	TX	409-766-1133		Concord	MA	508-371-0354	
St. Louis	MO	314-213-7700	Yes	Beaumont	TX	409-835-0397		Worcester	MA	508-421-3000	Yes
Harvester	MO	314-940-3200	Yes	College Station	TX	409-846-6549	Yes	Groton	MA	508-448-8616	
Rome/Utica	NY	315-338-6900	Yes	Beaumont	TX	409-980-0190	Yes	Mendon	MA	508-478-0653	
Syracuse	NY	315-442-1220	Yes	Baltimore	MD	410-246-1599		Newburyport	MA	508-499-0062	
Wichita	KS	316-383-0018	Yes	Annapolis	MD	410-263-3325	Yes	Medway	MA	508-533-2722	
Muncie	IN	317-281-0095		Annapolis	MD	410-266-9547		Hudson	MA	508-568-8019	
Lafayette	IN	317-476-5300		Glenburnie	MD	410-487-5288		Brockton	MA	508-588-3585	
Lafayette-Da	IN	317-772-2025	Yes	Towson	MD	410-616-0501		Framingham	MA	508-628-4600	Yes
Lafayette	IN	317-772-3000	Yes	Woodlawn	MD	410-645-0504		Gardner	MA	508-630-1002	
Kokomo	IN	317-864-6500		Baltimore	MD	410-727-0315	Yes	Fall River	MA	508-674-1377	
Richmond	IN	317-935-3590		Pikesville	MD	410-753-0504		Lawrence	MA	508-725-0155	
Indianapolis	IN	317-977-1010	Yes	Cockeysville	MD	410-891-0583		Danvers	MA	508-739-5000	Yes
Lafayette	LA	318-234-0416		Butler	PA	412-285-2194		Worcester	MA	508-849-1000	
Lafayette	LA	318-289-0058	Yes	Pittsburgh	PA	412-394-2280	Yes	Framingham	MA	508-861-0587	Yes
Monroe	LA	318-322-0412		Pittsburgh	PA	412-471-6417		Maynard	MA	508-897-4746	
Monroe	LA	318-322-2121	Yes	Greensburg	PA	412-853-9601	Yes	Billerica	MA	508-964-0592	Yes
Shreveport	LA	318-424-1897		Amherst	MA	413-549-6024		Lawrence	MA	508-974-2000	Yes
Alexandria	LA	318-445-0020		Springfield	MA	413-747-4460		Spokane	WA	509-326-0318	
Lake Charles	LA	318-478-6964	Yes	Springfield	MA	413-846-4500	Yes	Spokane	WA	509-328-0087	Yes
Shreveport	LA	318-676-0748	Yes	Milwaukee	WI	414-227-1301	Yes	Pullman	WA	509-332-5402	Yes
Iowa City	IA	319-341-3020	Yes	Sheboygan	WI	414-451-1832		Kennewick	WA	509-734-0697	Yes
Cedar Rapids	IA	319-368-1500	Yes	Milwaukee	WI	414-453-3010		Alameda	CA	510-214-0563	
Davenport	IA	319-388-5480	Yes	Green Bay	WI	414-498-8874		Piedmont	CA	510-285-5412	
St. Cloud	MN	320-202-3000		Green Bay	WI	414-592-9060	Yes	Lafayette	CA	510-298-5401	
St. Cloud	MN	320-202-6500		Appleton	WI	414-830-8352		Fremont	CA	510-404-5401	
Akron	OH	330-253-9990	Yes	San Carlos	CA	415-226-2013		Oakland-2	CA	510-433-0258	Yes
Youngstown	OH	330-270-5600	Yes	San Francisco South	CA	415-238-5406		Livermore	CA	510-449-0339	Yes
Canton	OH	330-454-1155		San Francisco	CA	415-283-4722	Yes	San Ramon	CA	510-557-5401	
Ravenna	OH	330-677-7780		Sausalito	CA	415-289-1317	Yes	Concord	CA	510-609-6318	Yes
Akron	OH	330-836-0679		San Mateo	CA	415-312-8208	Yes	Oakland	CA	510-704-8599	Yes
Youngstown	OH	330-965-6800		Palo Alto	CA	415-322-0489	Yes	Hayward	CA	510-731-5401	
Montgomery	AL	334-223-0902	Yes	Mountain View	CA	415-429-5402		Fremont	CA	510-742-0207	Yes
Montgomery	AL	334-270-5845		San Rafael	CA	415-472-0761	Yes	Oliver	CA	510-771-5401	
Mobile	AL	334-431-6706	Yes	Redwood City	CA	415-481-5401		Newark	CA	510-789-5401	
Auburn/Opelika	AL	334-502-8036	Yes	Millbrae	CA	415-651-2013		Concord	CA	510-826-5401	
Mobile	AL	334-660-6948		San Mateo	CA	415-653-5401		Danville	CA	510-854-5401	
Dothan	AL	334-702-8257		San Francisco Central	CA	415-659-5401		San Ramon	CA	510-867-1220	Yes
Gainesville	FL	352-371-0661		Palo Alto	CA	415-687-5401		Trinidad	CA	510-877-5401	
Gainesville	FL	352-371-1332	Yes	Toronto	ON	416-367-8122		Walnut Creek	CA	510-948-5401	
Blaine	WA	360-332-2134		Branson	MO	417-339-3550		Berkeley	CA	510-982-5401	
Olympia	WA	360-352-0335		Joplin	MO	417-627-1090		Austin	TX	512-326-1155	
Olympia	WA	360-357-1091	Yes	Springfield	MO	417-875-6902	Yes	Austin	TX	512-433-1957	Yes

NATIONAL BACKBONE OPERATORS — EPOCH

City	State	Telephone	ISDN	City	State	Telephone	ISDN	City	State	Telephone	ISDN
Corpus Christi	TX	512-693-2000	Yes	Allentown	PA	610-797-2140	Yes	Vacaville	CA	707-448-5608	Yes
Corpus Christi	TX	512-887-2891		Conshohocken	PA	610-941-9491	Yes	Santa Rosa	CA	707-522-1314	Yes
Cincinnati	OH	513-621-2600	Yes	Minneapolis	MN	612-321-7960	Yes	Santa Rosa	CA	707-579-1588	
Cincinnati	OH	513-771-0592		Minneapolis	MN	612-339-1805		Vallejo	CA	707-645-1534	
Montreal	QC	514-879-5826		Orleans	ON	613-841-0400		Bellwood	IL	708-401-0564	
Des Moines	IA	515-276-7231		Columbus	OH	614-220-4352	Yes	Summit	IL	708-929-0602	
Des Moines	IA	515-323-7000	Yes	Newark	OH	614-349-1000		Sioux City	IA	712-258-8432	
Williston Park	NY	516-222-8050		Deleware	OH	614-363-9395		Houston	TX	713-567-0439	Yes
Garden City	NY	516-228-1980	Yes	Marietta	OH	614-376-5700		Westheimer	TX	713-625-9900	Yes
Brentwood	NY	516-231-2680	Yes	Marion	OH	614-382-5869	Yes	Houston	TX	713-650-5143	
Farmingdale	NY	516-577-2500	Yes	Cambridge	OH	614-439-3032		Irvine	CA	714-474-4904	Yes
Jericho	NY	516-932-3198		Athens	OH	614-594-7800		Laguna Niguel	CA	714-581-2369	Yes
Lake Ronkonkoma	NY	516-981-0029		Lancaster	OH	614-689-4400		Garden Grove	CA	714-590-1585	Yes
Lansing	MI	517-267-7900	Yes	Dublin	OH	614-764-2957		Garden Grove	CA	714-591-0503	
Lansing	MI	517-332-7141		Nashville	TN	615-367-0014		Buena Park	CA	714-676-0502	
Saginaw	MI	517-753-5100		Clarksville	TN	615-647-2859		Cypress	CA	714-763-0502	
Saginaw	MI	517-755-8725	Yes	Nashville	TN	615-748-8011	Yes	Anaheim	CA	714-782-0502	
Mt. Pleasant	MI	517-772-7284	Yes	Holland	MI	616-355-5600		Fullerton	CA	714-869-0502	
Jackson	MI	517-780-9025		Kalamazoo	MI	616-373-3750		Orange	CA	714-923-0503	
Albany	NY	518-426-6070	Yes	Grand Rapids	MI	616-459-3620	Yes	Irvine	CA	714-930-0503	
Albany	NY	518-464-5457		Muskegon	MI	616-727-3116	Yes	Placentia	CA	714-983-0502	
London	ON	519-663-1880		Brenton Harbor	MI	616-927-0003		Brea	CA	714-988-0505	
Kitchener	ON	519-741-1100		Traverse City	MI	616-933-3400		Niagra Falls	NY	716-278-3600	
Sierra Vista	AZ	520-459-5955		Grand Rapids	MI	616-956-0075		Rochester	NY	716-327-7189	Yes
Yuma	AZ	520-539-0019		Burlington	MA	617-221-0500	Yes	Tonawanda	NY	716-694-5551	
Tucson	AZ	520-571-0207		Quincy	MA	617-249-0550		Buffalo	NY	716-843-3000	Yes
Tucson	AZ	520-620-0872	Yes	Braintree	MA	617-380-3400	Yes	Limestone	NY	716-925-7351	
Purcellville	VA	540-338-6900		Malden	MA	617-480-0549		Carlisle	PA	717-243-6477	
Roanoke	VA	540-362-1126		Boston	MA	617-531-0785		Carlisle	PA	717-243-6477	
Fredericksburg	VA	540-372-3058	Yes	Cambridge	MA	617-588-0984		Hershey	PA	717-533-4574	Yes
Fredericksburg	VA	540-374-5115		Medford	MA	617-658-0747		Harrisburg	PA	717-541-0210	
Harrisonburg	VA	540-574-2554	Yes	Waltham	MA	617-663-0816		Lancaster	PA	717-581-9500	
Radford	VA	540-633-6000		Waltham	MA	617-672-7400	Yes	Harrisburg	PA	717-720-0671	Yes
Staunton	VA	540-851-1700		Cambridge	MA	617-679-0500	Yes	York	PA	717-755-5060	
Roanoke	VA	540-857-0700	Yes	Lexington	MA	617-778-0559		Wilkes-Barre	PA	717-822-3315	
Eugene	OR	541-302-0140	Yes	Newton	MA	617-831-0559		Wilkes-Barre	PA	717-825-2150	Yes
Eugene	OR	541-689-6031		Burlington	MA	617-852-0572		York	PA	717-855-1023	Yes
Medford	OR	541-857-2917		Boston	MA	617-927-4200	Yes	Scranton	PA	717-961-1654	Yes
Albany	OR	541-924-9486		Woburn	MA	617-970-0551		Scranton	PA	717-961-2759	
Boca Raton	FL	561-368-1136	Yes	Burlington	MA	617-992-0561		Colorado Springs	CO	719-386-1680	Yes
Fort Pierce	FL	561-462-0510	Yes	Chula Vista	CA	619-210-0504		Colorado Springs	CO	719-522-1049	
Vero Beach	FL	561-567-1588		San Diego-2	CA	619-268-8236	Yes	Pueblo	CO	719-546-1574	
West Palm Beach	FL	561-624-7451		Palm Springs	CA	619-320-2378	Yes	Norfolk-2	VA	757-423-8640	Yes
West Palm Beach	FL	561-681-9506	Yes	San Diego	CA	619-338-0612	Yes	Norfolk	VA	757-533-5140	Yes
Columbia	MO	573-499-9540		La Jolla	CA	619-410-0512		Princess Anne	VA	757-563-9922	Yes
Jefferson City	MO	573-761-5625		National City	CA	619-419-0518		Norfolk	VA	757-855-6499	
Columbia	MO	573-886-8621		Carlsbad	CA	619-710-0520		Williamsburg	VA	757-887-5377	
Hattiesburg	MS	601-264-6681	Yes	Linda Vista	CA	619-712-0595		Smyrna-2	GA	770-308-0102	
Jackson	MS	601-352-5182		Rancho Bernardo	CA	619-716-0521		Smyrna	GA	770-432-4637	Yes
Jackson	MS	601-355-4521	Yes	Palm Desert	CA	619-773-1178	Yes	Irving	IL	773-509-2301	Yes
Gulfport	MS	601-863-1368		Mira Mesa	CA	619-880-0545		Stewart	IL	773-873-0070	Yes
Biloxi/Gulfport	MS	601-863-3593	Yes	San Diego	CA	619-881-1509		San Juan	PR	787-722-0995	
Phoenix	AZ	602-468-0285		Carlsbad	CA	619-929-8643	Yes	Salt Lake City	UT	801-321-4980	Yes
Phoenix	AZ	602-640-3907	Yes	Hinsdale	IL	630-203-0921		Provo	UT	801-343-2720	Yes
Phoenix	AZ	602-843-1471		Hinsdale	IL	630-241-5600	Yes	Provo	UT	801-375-1748	
Madison	WI	608-252-6580	Yes	Lombard	IL	630-282-0590		Ogden	UT	801-399-1119	Yes
Madison	WI	608-256-6716		Naperville	IL	630-300-0566		Salt Lake City	UT	801-521-9777	
La Crosse	WI	608-784-9466		Naperville	IL	630-505-8070	Yes	Kaysville	UT	801-544-3791	
Cherry Hill	NJ	609-321-1995	Yes	Auora	IL	630-801-9468		Park City	UT	801-649-0121	
Millville	NJ	609-327-2898		Fargo	ND	701-271-7800	Yes	Manchester	VT	802-362-2264	
Marlton	NJ	609-346-3247	Yes	Reno	NV	702-322-8968		Burlington	VT	802-652-2600	Yes
Princeton	NJ	609-497-2384		Las Vegas	NV	702-740-4990	Yes	Burlington	VT	802-860-0550	
Princeton	NJ	609-497-2463	Yes	Manassas	VA	703-331-5982	Yes	Myrtle Beach	SC	803-448-4350	
Trenton	NJ	609-530-1517		Manassas	VA	703-335-1259		Florence	SC	803-673-0446	Yes
Pleasantville	NJ	609-569-7800		Fairfax	VA	703-591-0461		Charleston	SC	803-722-4079	Yes
White Horse	NJ	609-581-3555	Yes	Reston	VA	703-934-2267		Charleston	SC	803-763-3423	
Mercerville	NJ	609-586-7747	Yes	Asheville	NC	704-251-1626	Yes	Columbia	SC	803-776-2229	
Atlantic City	NJ	609-641-1460		Charlotte	NC	704-342-2422	Yes	Columbia	SC	803-799-8828	Yes
Cherry Hill	NJ	609-667-8865		Charlotte	NC	704-358-8991		Hilton Head	SC	803-842-7007	
Berlin	NJ	609-753-4700		Asheville	NC	704-684-0773		Myrtle Beach	SC	803-913-2102	Yes
Trenton	NJ	609-777-5551	Yes	Athens	GA	706-208-0448	Yes	Richmond	VA	804-287-8566	
Norristown	PA	610-277-1301		Columbus	GA	706-321-8805		Charlottesville	VA	804-295-2846	
Reading	PA	610-374-4450		Athens	GA	706-353-6120		Richmond	VA	804-674-9183	Yes
Allentown	PA	610-530-4032		Columbus	GA	706-641-9942	Yes	Lynchburg	VA	804-847-2501	
King Of Prussia	PA	610-630-4770	Yes	Augusta	GA	706-722-3361		Lynchburg	VA	804-947-9090	Yes
Paoli	PA	610-725-9325	Yes	Augusta	GA	706-821-0025	Yes	Oxnard	CA	805-240-1063	Yes
Reading	PA	610-736-3030	Yes	Napa	CA	707-257-0234		Bakersfield	CA	805-324-4303	

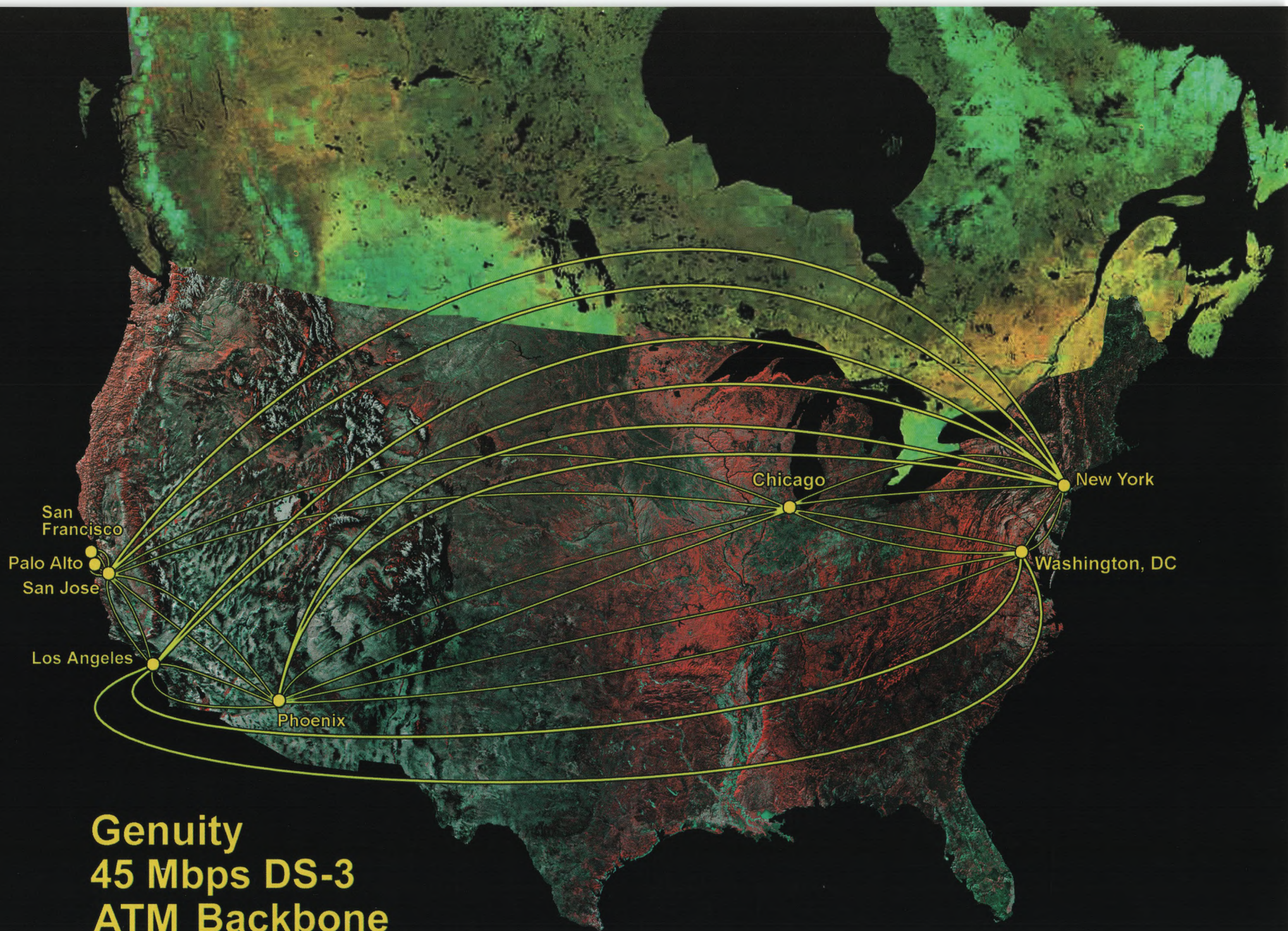
NATIONAL BACKBONE OPERATORS — EPOCH

City	State	Telephone	ISDN	City	State	Telephone	ISDN	City	State	Telephone	ISDN
Thousand Oaks	CA	805-373-1859	Yes	Elk Grove	IL	847-631-0619		White Plains	NY	914-681-3900	Yes
Thousand Oaks	CA	805-499-6110		Skokie	IL	847-715-0560		Port Chester	NY	914-933-2820	Yes
San Luis Obispo	CA	805-544-0137		Wheeling	IL	847-777-0602		El Paso	TX	915-496-9514	Yes
San Luis Obispo	CA	805-546-8060	Yes	Lakeville	CT	860-435-4020		Midland	TX	915-498-2003	Yes
Venutra	CA	805-644-7860		New London	CT	860-437-5100		Odessa	TX	915-498-2004	Yes
Bakersfield	CA	805-861-0826	Yes	Deep River	CT	860-526-8600		Midland	TX	915-563-0009	
Santa Barbara-Da	CA	805-892-3456	Yes	Stafford	CT	860-684-8800		Abilene	TX	915-627-1900	Yes
Santa Maria	CA	805-937-5490		Hartford	CT	860-724-0636		Abilene	TX	915-698-9650	
Lancaster	CA	805-948-7298		Hartford	CT	860-727-8708		El Paso	TX	915-771-9669	
Santa Barbara-Da	CA	805-968-8210		Greenville	SC	864-233-6876	Yes	San Angelo	TX	915-942-6680	
Oxnard	CA	805-985-2514		Spartanburg	SC	864-585-0337		Redding	CA	916-222-0298	
Amarillo	TX	806-345-2782		Greenville	SC	864-676-9228		Redding	CA	916-225-8634	Yes
Amarillo	TX	806-354-7500	Yes	Jackson	TN	901-422-4222	Yes	Sacramento	CA	916-447-3613	Yes
Lubbock	TX	806-472-1003	Yes	Memphis	TN	901-454-6851		So. Lake Tahoe	CA	916-541-0151	
Lubbock	TX	806-797-0479		Memphis-2	TN	901-543-1500	Yes	Sacramento	CA	916-568-0241	
Honolulu	HI	808-528-0430		Memphis	TN	901-761-3312	Yes	Davis	CA	916-661-9296	
Maui	HI	808-877-6041		Halifax	NS	902-457-0669		Chico	CA	916-891-1086	Yes
Southfield	MI	810-262-3138	Yes	Longview	TX	903-234-2700		Chico	CA	916-897-5900	
Auburn Heights	MI	810-270-2301		Tyler	TX	903-509-0680		Bartlesville	OK	918-336-5283	
Pontiac	MI	810-365-2301		Longview	TX	903-753-0596		Tulsa	OK	918-582-0535	Yes
Pontiac	MI	810-371-0500	Yes	Texarkana	TX	903-832-1066		Tulsa	OK	918-621-1036	
Birmingham	MI	810-430-2301		Tallahassee	FL	904-222-0204	Yes	Durham	NC	919-361-9127	Yes
Farmington	MI	810-442-0016	Yes	Daytona Beach	FL	904-238-5354		Raleigh	NC	919-664-5848	
Centerline	MI	810-467-2301		Daytona Beach	FL	904-255-0389	Yes	Durham	NC	919-687-4049	
Warren	MI	810-575-9931	Yes	Jacksonville	FL	904-353-2059	Yes	Goldsboro	NC	919-736-8100	
Royal Oak	MI	810-581-2301		Tallahassee	FL	904-422-9604		Goldsboro	NC	919-751-3200	
West Bloomfield	MI	810-702-2301		Pensacola	FL	904-433-1828		Raleigh	NC	919-872-6557	Yes
Troy	MI	810-729-2301		Jacksonville	FL	904-730-0046		Chapel Hill	NC	919-929-0443	
Warren	MI	810-819-2516		Panama City	FL	904-763-2907		Rocky Mo	NC	919-972-0919	
Southfield	MI	810-936-2301		Panama City	FL	904-872-2927	Yes	Dayton	OH	937-224-4576	
Farmington	MI	810-957-2301		Pensacola	FL	904-969-9884	Yes	Dayton	OH	937-640-8391	Yes
Terre Haute	IN	812-238-5600		Hamilton	ON	905-529-4601		Marysville	OH	937-642-3940	
Bloomington	IN	812-323-4330	Yes	Fairbanks	AK	907-458-8988		Winter Haven	FL	941-291-4038	
Colombus	IN	812-348-7000		Anchorage	AK	907-562-3835		Fort Myers	FL	941-332-7323	Yes
Evansville	IN	812-433-3080	Yes	Long Branch-2	NJ	908-229-2761	Yes	Fort Myers	FL	941-334-9270	
Tampa	FL	813-229-3200		Toms River	NJ	908-240-7151	Yes	Sarasota	FL	941-362-4404	Yes
Tampa	FL	813-247-7863	Yes	Holmdel	NJ	908-332-1001	Yes	Naples	FL	941-566-7015	
Clearwater	FL	813-562-5327	Yes	Rahway	NJ	908-382-0026	Yes	Lakeland	FL	941-646-0239	
Feathersound	FL	813-573-0863	Yes	New Brunswick	NJ	908-448-1071	Yes	Lakeland	FL	941-666-3202	Yes
St. Petersburg	FL	813-896-8007		New Brunswick	NJ	908-463-2172	Yes	Bradenton	FL	941-746-1921	Yes
State College	PA	814-231-0252		Woodbridge	NJ	908-632-9384		Bonita Springs	FL	941-947-7700	
Somerset	PA	814-443-1477		Boundbrook	NJ	908-764-0925		Sarasota	FL	941-951-6755	
Erie	PA	814-453-2796		Freehold	NJ	908-792-7770	Yes	Deerfield Beach	FL	954-426-0228	
Erie	PA	814-864-5184		Hackettstown	NJ	908-852-0303		Fort Lauderdale	FL	954-486-7918	Yes
Altoona	PA	814-941-1280	Yes	Toms River	NJ	908-914-1954		Fort Lauderdale	FL	954-489-0001	
Rockford	IL	815-226-9871		Long Branch	NJ	908-933-1114	Yes	Fort Collins	CO	970-229-0246	
Rockford	IL	815-489-1510	Yes	Eatontown	NJ	908-935-0137		Grand Junction	CO	970-241-5116	
Joliet	IL	815-723-0167		Riverside	CA	909-275-5086	Yes	Durango	CO	970-259-3017	
Joliet	IL	815-725-7702	Yes	Ontario	CA	909-460-1214	Yes	Fort Collins	CO	970-282-2080	Yes
Dekalb	IL	815-748-2705		Rancho Cucamonga	CA	909-481-9468	Yes	Greeley	CO	970-356-6538	
Dekalb	IL	815-748-3932	Yes	Pomona	CA	909-865-0553		Loveland	CO	970-667-7681	
Kankakee	IL	815-939-0129		San Bernardino	CA	909-882-6646		Dillon	CO	970-668-3384	
Kansas City	MO	816-221-3817		Greensboro	NC	910-292-3461		Steamboat Springs	CO	970-870-0501	
Kansas City	MO	816-283-0607	Yes	Fayetteville	NC	910-323-3915		Glenwood Spring	CO	970-928-0507	
Waco	TX	817-299-2000	Yes	Wilmington	NC	910-392-5543		Vail	CO	970-949-4614	
Wichita Falls	TX	817-397-0501	Yes	Greensboro	NC	910-574-2663	Yes	Richardson	TX	972-235-3493	Yes
Denton	TX	817-484-0037		Burlington	NC	910-584-5823		Irving	TX	972-438-6536	Yes
Fort Worth	TX	817-685-2737		Winston Salem	NC	910-724-9748					
Killeen	TX	817-690-6702		Winston Salem	NC	910-788-3789	Yes				
Waco	TX	817-751-9590		Fayetteville	NC	910-860-8600					
Temple	TX	817-778-1025		Thomasville	GA	912-226-6822					
Fort Worth	TX	817-850-9253	Yes	Brunswick	GA	912-265-0527					
Sherman Oaks	CA	818-340-2888	Yes	Savannah	GA	912-353-8559					
Burbank	CA	818-531-0502		Albany	GA	912-430-0136	Yes				
El Monte	CA	818-532-0502		Albany	GA	912-435-1540					
Pasadena	CA	818-585-0100	Yes	Savannah	GA	912-651-9899	Yes				
Glendale	CA	818-638-0502		Macon	GA	912-765-9958	Yes				
Pasadena	CA	818-639-0503		Warner Robins	GA	912-922-2179					
Van Nuys	CA	818-742-0503		Topeka	KS	913-232-1317					
Des Plaines	IL	847-227-0504		Topeka	KS	913-368-9804	Yes				
Elk Grove	IL	847-228-7840	Yes	Lawrence	KS	913-749-0796	Yes				
Libertyville	IL	847-247-6470	Yes	Lawrence	KS	913-749-2900					
Schaumburg	IL	847-273-0568		Manhattan	KS	913-776-9665					
Northbrook	IL	847-400-0889		Middletown	NY	914-343-4646					
Arlington Heights	IL	847-463-0603		Poughkeepsie	NY	914-451-4240	Yes				
Northbrook	IL	847-480-3110	Yes	White Plains	NY	914-461-1516					
Libertyville	IL	847-549-0309		Poughkeepsie	NY	914-485-1203					

FUTURE EXPANSION PLANS

Epoch announced May 12 that it is an official sponsor of the "Ballou High School Lab Project." Joining 19 other industry leaders such as Novell, Hewlett-Packard, Compaq and Bell Atlantic, each offering a variety of capabilities and expertise, Epoch Internet will contribute Internet service (via 128K line) for the first six months of the project.

With a recent addition of \$23 million of venture capital, Epoch plans to add Houston, Miami, Portland, and Stamford to its list of hub cities. ♦



Genuity
45 Mbps DS-3
ATM Backbone

GENUITY

San Francisco, California

HISTORY

Genuity, a subsidiary of the privately held Bechtel organization, provides integrated, high-speed Internet products and services for medium-to-large-sized organizations in business, government, and higher education. Genuity formed in 1994 as Internet Media Network.

Founded in 1898, Bechtel has provided telecommunications, engineering, construction, and related management services on more than 15,000 projects in 140 countries on all seven continents. With Genuity, the company says, Bechtel is continuing its interest in building large projects of physical infrastructure. Bechtel has built such things as the Hoover Dam, the English Channel Tunnel, the Hong Kong Airport, MCI's telecommunication switching network, and Sprint's Personal Communications wireless network.

Bechtel's 1995 revenues totaled US\$8.5 billion. Bechtel Enterprises, the company's development, financing and ownership group, is a leader in the privatized infrastructure market with interests in power generation, water and wastewater

facilities, transportation, ports, telecommunications and information systems.

With headquarters in San Francisco, Genuity also has data centers established in Chicago, Los Angeles, New York, Phoenix, San Jose, Washington, D. C., and London. Genuity's 24 x 7 network operations center is located in Phoenix, Arizona.

COMPANY DESCRIPTION

CEO: T Geir Ramleth

Stock Exchange: Privately held

Consumer Dial-up Accounts: Not offered

Business Dedicated Access Accounts:
Under 1,000

Annual Revenues from Internet Related Operations: None

Earnings: None

Total POPs: 8

Total Dial-up Ports: None

Number of Employees: 135

Office Location: San Francisco, CA

Street Mailing Address: Corporate

Headquarters, 50 Fremont Street, Suite

1120, San Francisco, CA 94105

Voice: (888) GENUITY, (888) 436-8489

Facsimile: (602) 207-6410

24-Hour NOC Telephone: (888) GENUITY

MailTo: info@Genuity.net

http: www.genuity.net

CURRENT BACKBONE ARCHITECTURE

Each hub city is connected on Genuity's network backbone with two independent SONET-based, fully-meshed DS-3 (45 Mbps) and OC-3 (155 Mbps) ATM connections. Genuity uses Cisco 7500 routers, Ascend GRF, and Fore ATM switches. Genuity has class A data center facilities totaling 37,000 square feet at all the major network access points.

MAJOR U.S. BACKBONE HUB CITIES

Chicago, IL
Los Angeles, CA
New York, NY
Palo Alto, CA
Pennsauken, NJ
Phoenix, AZ
San Francisco, CA
San Jose, CA
Washington, DC

Senior Network Architect

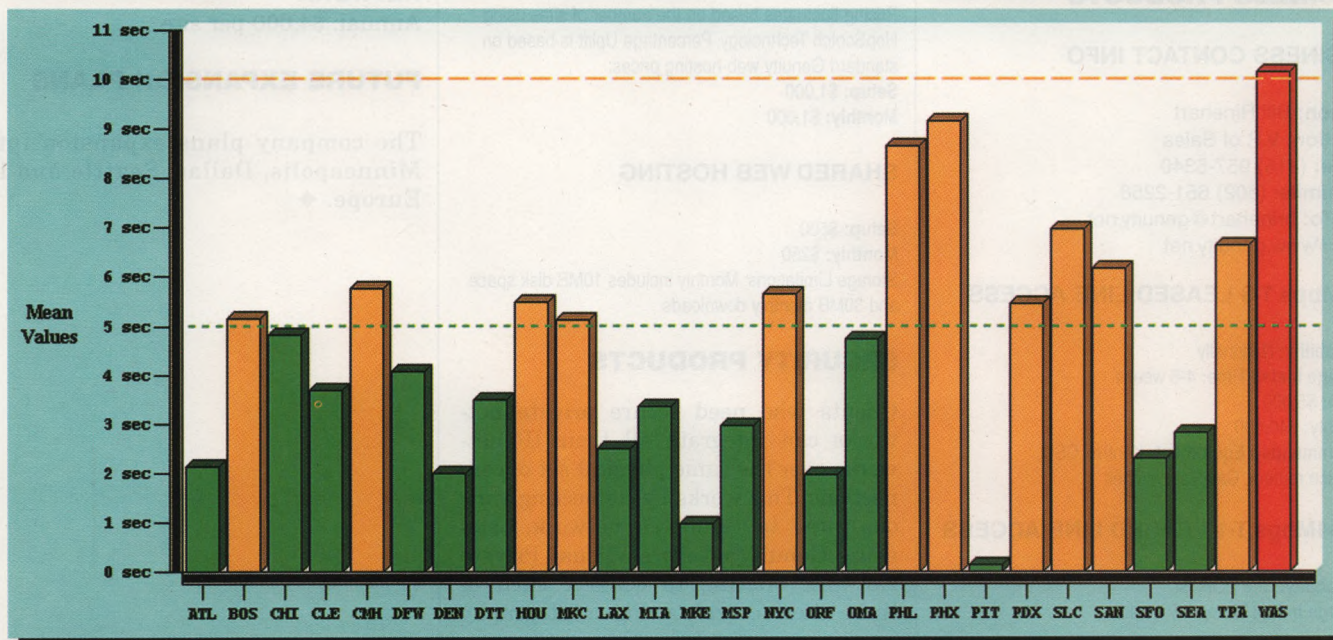
Engineer: Rodney Joffe

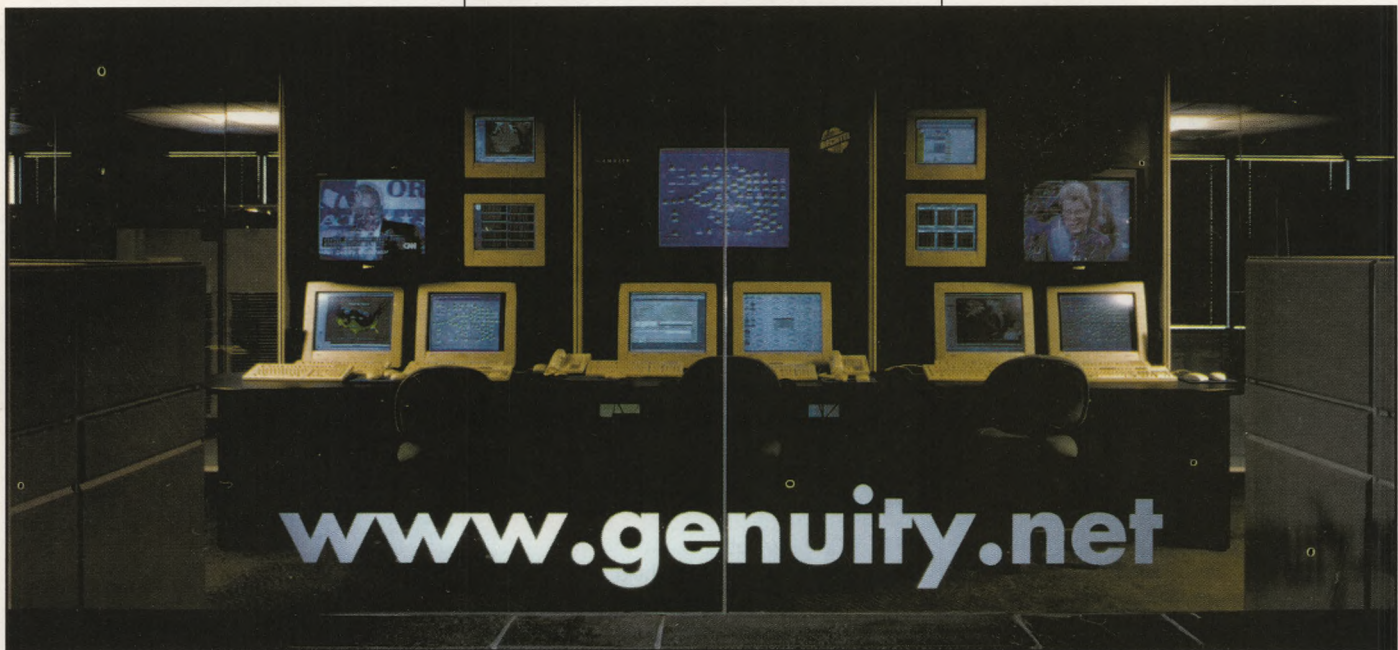
MailTo: rjoffe@genuity.net

Genuity

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 63610

AVERAGE: 4.851 sec
DEVIATION: 25.512 sec





MAJOR U.S. PEER INTERCONNECT POINTS

Ameritech Chicago NAP - Chicago, IL
 CIX - Palo Alto, CA
 FIX West - Mountain View, CA
 MAE Chicago - Chicago, IL
 MAE East - Washington, DC
 MAE LA - Los Angeles, CA
 MAE West - San Jose, CA
 MPIX - Phoenix, AZ
 Pac Bell San Francisco NAP - San Francisco, CA
 Sprint New York NAP - Pennsauken, NJ

MAJOR INTERNATIONAL PEER INTERCONNECT POINTS

LINX — London, UK

BUSINESS PRODUCTS

BUSINESS CONTACT INFO

Person: Bill Rinehart
Position: V.P. of Sales
Voice: (415) 957-5340
Facsimile: (602) 651-2258
MailTo: brinehart@genuity.net
http: www.genuity.net

45 Mbps T-3 LEASED LINE ACCESS

Availability: Nationally
Average Install Time: 4-6 weeks
Setup: \$5,000
Monthly: \$40,000
Recommended Equipment: Kentrox CSU, Cisco routers, Catalyst switches

1.544Mbps T-1 LEASED LINE ACCESS

Availability: See POP list
Average Install Time: 4-6 weeks

Setup: \$2,500
Monthly: \$1,750
Recommended Equipment: Kentrox CSU, Cisco routers, Catalyst switches

BASIC WEB HOSTING SERVICE

GENUITY WEBHOSTING

2 Mbps dedicated high-speed Internet service. Additional speeds up to 100 Mbps available. Includes one 19-inch rack shelf in one of Genuity's data centers.
Setup: \$1,000
Monthly: \$1,500

GENUITY HOPSCOTCH

HopScotch offers flexibility and high performance in multi-homed, mirrored-content web distribution. Pricing fluctuates based on the number of sites using HopScotch Technology. Percentage Uplift is based on standard Genuity web-hosting prices.
Setup: \$1,000
Monthly: \$1,000

SHARED WEB HOSTING

Setup: \$500
Monthly: \$250
 Storage Limitations: Monthly includes 10MB disk space and 30MB monthly downloads

SECURITY PRODUCTS

Clients who need secure private networks can integrate all their IP networks over the same physical set of connections. This works by connecting various sites to Genuity's network, then using Genuity's Secure Virtual Private Network offering to connect each of these sites securely using cryptography

to encode the data being sent. In addition, Genuity can implement a double firewall at each site to ensure the highest level of security in connecting to the Internet. All of this is managed and monitored 24x7 by the network operations center in Phoenix, Arizona. Additional security design and architecture products and services are available based on the customers requirements.

COMPREHENSIVE SECURITY AUDIT
 \$30,000

MANAGED FIREWALL SERVICE
 Annual: \$20,000

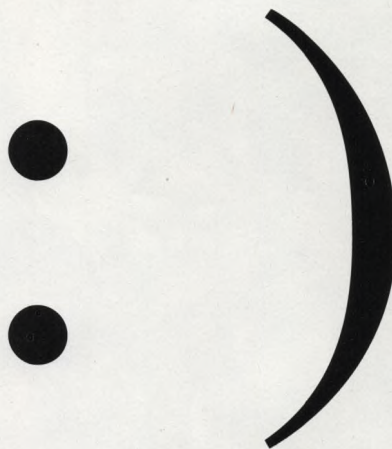
SECURE VIRTUAL PRIVATE NETWORK
 Annual: \$4,000 per site.

FUTURE EXPANSION PLANS

The company plans expansion into Minneapolis, Dallas, Seattle and in Europe. ♦

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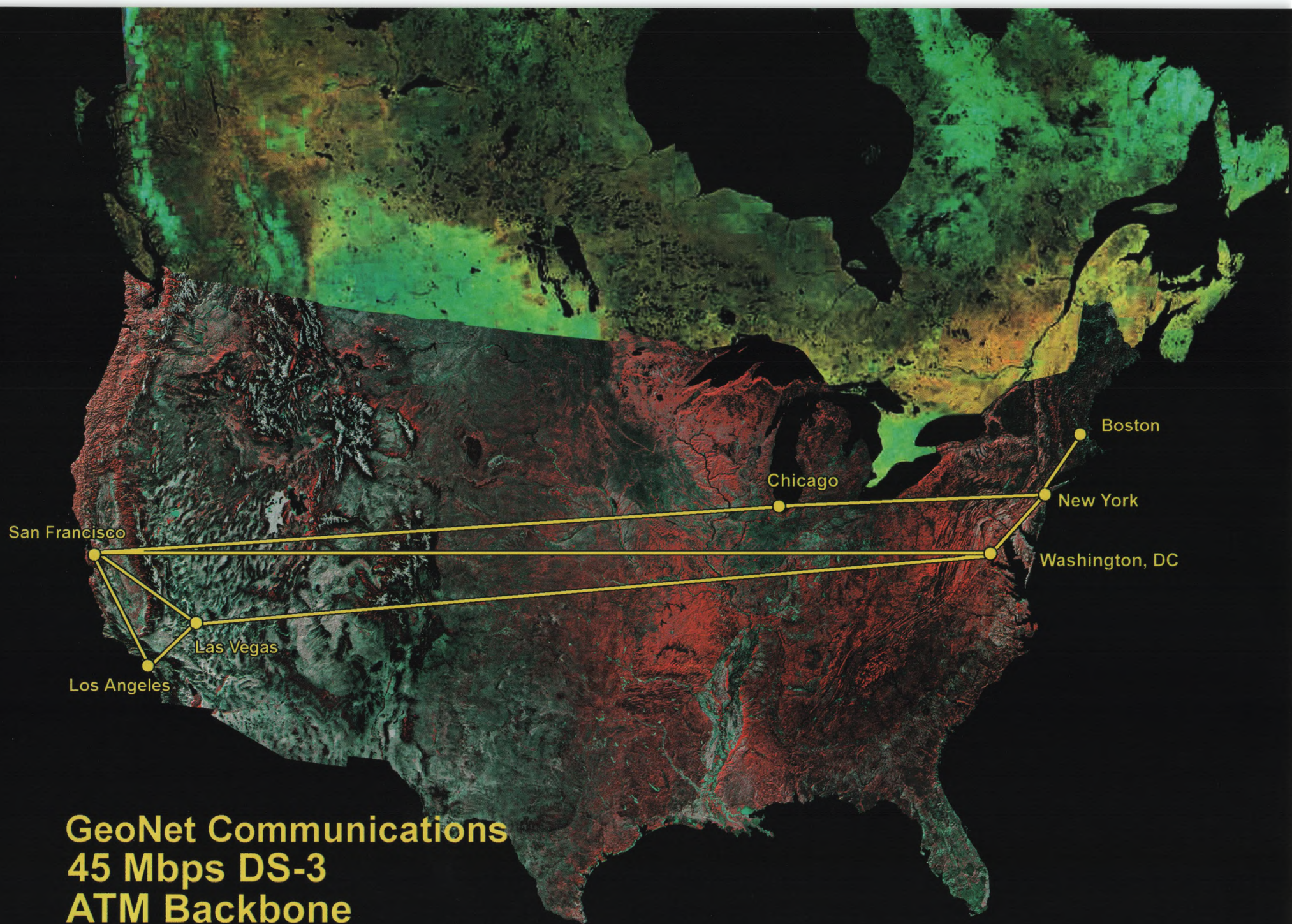


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GeoNet Communications
45 Mbps DS-3
ATM Backbone

GeoNet Communications, Inc. Redwood City, California

HISTORY

John A. Russo founded GeoNet as Globalsoft, a UNIX systems integrator, in 1990. The company incorporated as GeoNet Communications, Inc. in 1994. In its seven years, GeoNet evolved from a specialized systems integrator to a full-service, nationwide Internet service provider. GeoNet focused early on the needs of corporations requiring high-end Internet services, and the company now offers high-speed (DS-1, DS-3, Frame Relay) Internet access, high-volume web site hosting, equipment sales, trade show Internet services, and custom Internet applications development.

In addition to standard commercial Internet services, GeoNet is a provider of Internet services for trade shows and conventions. GeoNet constructed the world's largest commercial trade-show network for COMDEX/Fall '96, and has provided complete, high-performance network products and services for events across the U.S. and Canada, including CES, JavaOne Developers' Conference, Seybold, NAB, and the Software Development Show.



GeoNet
Communications
Experience. The GeoNet Difference.

COMPANY DESCRIPTION

CEO: John A. Russo
Stock Exchange: Privately held
Consumer Dial-up Accounts: Not offered
Annual Revenues from Internet Related Operations: \$5.2 million
Total POPs: 10
Total Dial-up Ports: Dedicated access only
Number of Employees: 30+
Office Location: Redwood City, CA
Street Mailing Address: 555 Twin Dolphin Drive, Suite 560, Redwood City, CA 94065
Voice: (415) 596-1700
Facsimile: (415) 596-1701
24-Hour NOC Telephone: Unknown

MailTo:

info@geo.net for general information
 sales@geo.net for sales information
 shows@geo.net for tradeshow services
<http://www.geo.net> (commercial services)
www.shows.geo.net (tradeshow services)

CURRENT BACKBONE ARCHITECTURE

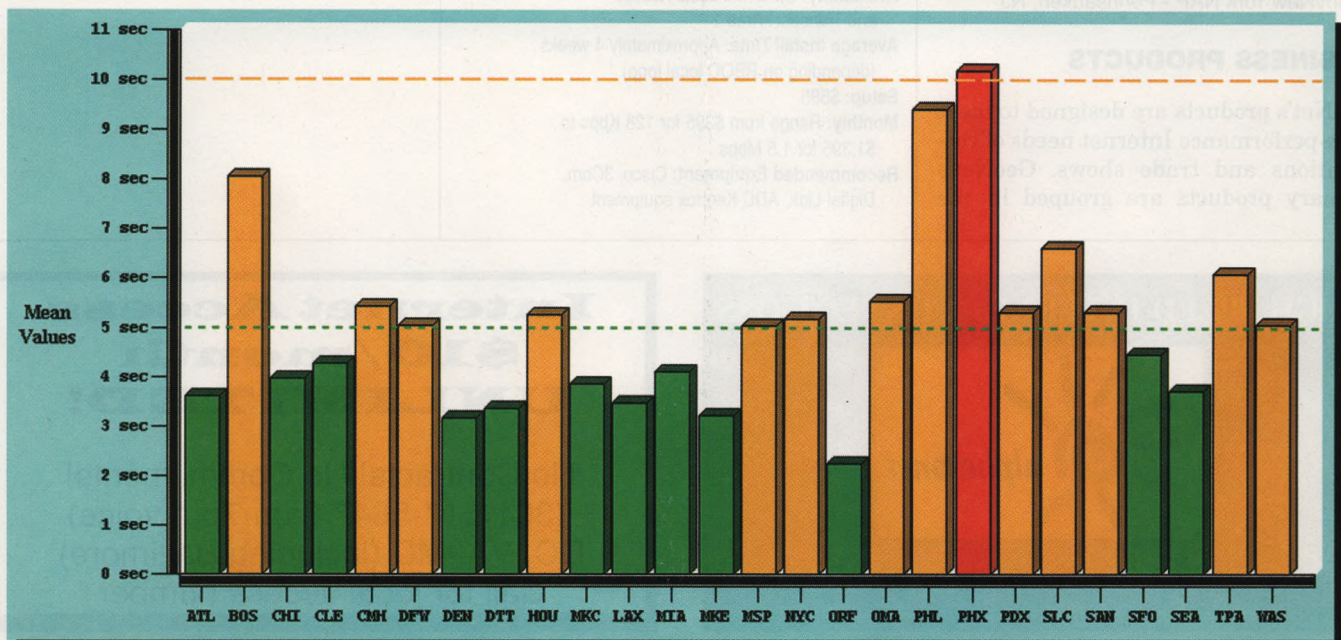
GeoNet's nationwide fault-tolerant network is connected via multiple DS-3 (45 Mbps) circuits to diverse Internet exchange points. GeoNet has relationships with most national and major regional carriers. Physical path diversity is carefully designed into GeoNet's network. The network touches multiple competitive access providers, local exchange carriers (LECs) and regional Bell operating companies (RBOCs) in every area in which it operates. GeoNet relies heavily on Cisco 7500 series routers. Sun Microsystems supplies workstations and servers.

The company measures traffic flows, and statistical analysis of the results is used to project trends. Based on these trends and real-time monitors, engineers add capacity to the network. The company says its design rules for engi-

GeoNet

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 36856

AVERAGE: 5.108 sec
 DEVIATION: 19.778 sec



neers make sure capacity is added well in advance of congestion.

GeoNet's network operations center (NOC) in San Francisco, California, is an earthquake resistant, secure carrier-grade underground facility with full-time power backup provided by an industrial battery plant and diesel generator. The NOC is available 24x7 for emergencies. Automated monitoring systems check all GeoNet connections and equipment around the clock. Technical support personnel have specific procedures for involving engineers to minimize downtime.

BACKBONE CITIES

Anaheim, CA
Boston, MA
Chicago, IL
Las Vegas, NV
Los Angeles, CA
New York, NY
Oakland, CA
Palo Alto, CA
Pleasanton, CA
Santa Clara, CA
San Francisco, CA
San Jose, CA
Walnut Creek, CA
Washington, DC

Senior Network Architect Engineer:

William McCauley
MailTo: bill@geo.net

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Washington, DC
MAE West - San Jose, CA
Pac Bell San Francisco NAP - San Francisco, CA
Sprint/New York NAP - Pennsauken, NJ

BUSINESS PRODUCTS

GeoNet's products are designed to meet high-performance Internet needs of corporations and trade shows. GeoNet's primary products are grouped in the

areas of connectivity, trade show services, web site hosting, equipment sales, and value-added services.

GeoNet's NetConnect products provide high-speed connections to the Internet through Frame Relay, ClearChannel T-1, or T-3 technology. All GeoNet Internet connectivity products include unlimited Internet access, technical support, domain name services, access to Usenet newsgroups, configuration of required equipment, IP address allocation, single bill for IP and telco service, and 24 x 7 network monitoring.

BUSINESS CONTACT INFORMATION

Voice: 415-596-1700
Facsimile: 415-596-1701
MailTo: sales@geo.net
http://www.geo.net

45Mbps T-3 LEASED LINE ACCESS

Availability: All POPs
Average Install Time: Approximately 4 weeks
(depending on RBOC local loop)
Setup: \$14,995
Monthly: Determined by bandwidth level: \$4,150 to \$31,000.
Recommended Equipment: Cisco, 3COM, Digital Link, ADC Kentrox equipment

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: All POPs
Average Install Time: Approx. 4 weeks (depending on RBOC local loop)
Setup: Free (limited time promotion)
Monthly: \$1,395
Recommended Equipment: Cisco, 3Com, Digital Link, ADC Kentrox equipment

FRAME RELAY

Availability: California Local Access and Transport Area 1
Average Install Time: Approximately 4 weeks (depending on RBOC local loop)
Setup: \$595
Monthly: Range from \$395 for 128 Kbps to \$1,395 for 1.5 Mbps
Recommended Equipment: Cisco, 3Com, Digital Link, ADC Kentrox equipment

BASIC WEB HOSTING SERVICE

GeoWeb dedicated web server packages provide hardware, software, system administration, and high-speed connectivity. Each web server is connected to the Internet backbone at 10 Mbps. Dedicated web server packages include: system configuration and set up, Netscape Communications server software (upgradeable to Netscape Commerce server), pre-installed web server utilities such as web site stats and Perl, and 24x7 monitoring. Optional system administration services (e.g., software upgrades, hardware upgrades, system maintenance, backups) are also available.

GeoNet also offers shared web server services.

Setup: Starts at \$500 for shared web server service; dedicated web server costs are determined by server model selected.

Monthly: Starts at \$500 for shared web server service; dedicated web server costs are determined by server model selected.

FUTURE EXPANSION PLANS

GeoNet's future plans include opening its first international POPs, continued expansion of its U.S. backbone capacity with additional fault-tolerant DS-3 POPs, and further improving existing infrastructure. ♦

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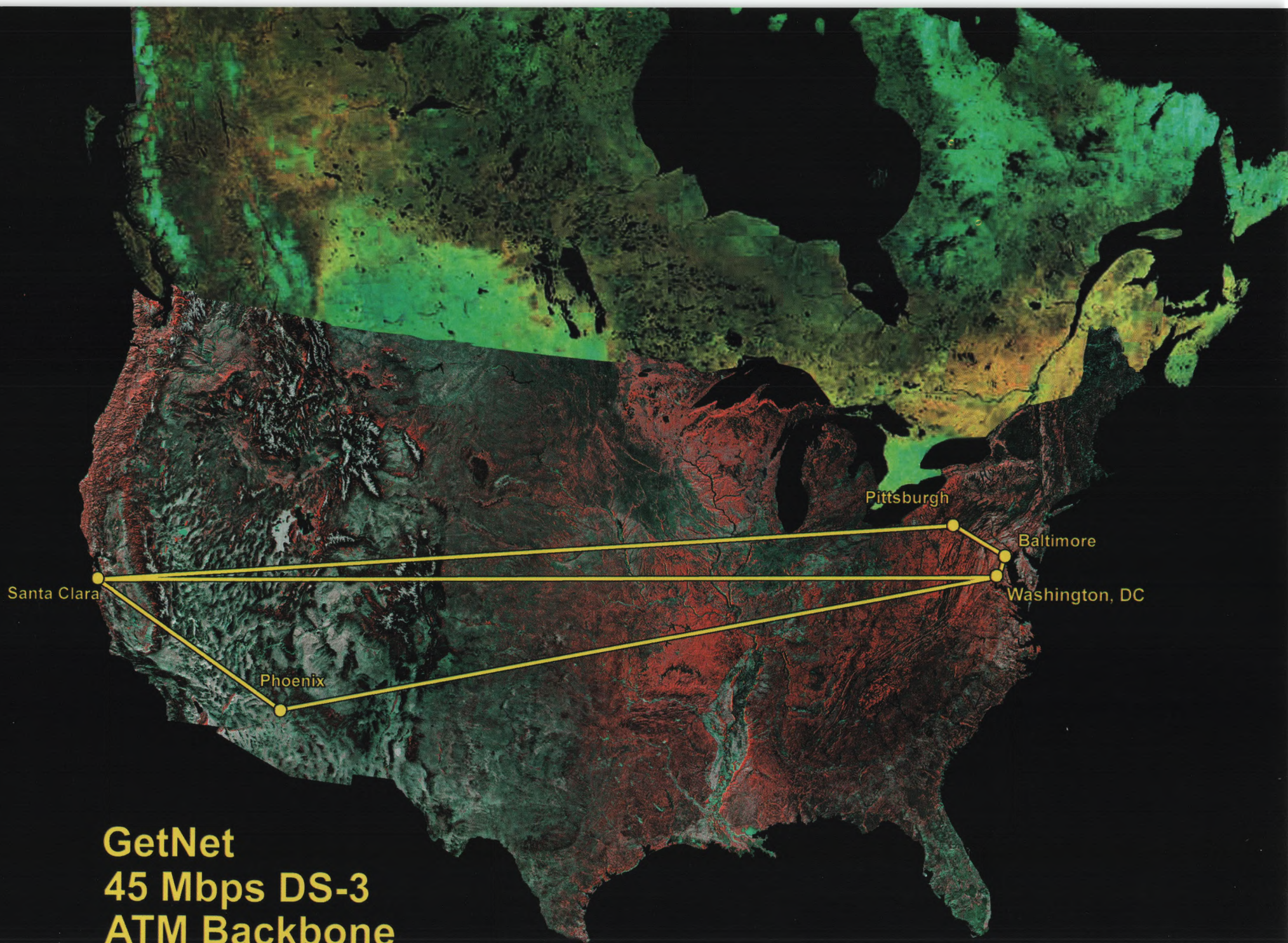
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GetNet
45 Mbps DS-3
ATM Backbone

GetNet International

Phoenix, Arizona

HISTORY

Founded in 1994, GetNet International served the Phoenix metropolitan area as a local ISP offering dial-up access and web services. In the fall of 1995, Touch Tone America purchased GetNet. Touch Tone, based in Scottsdale, Arizona, provides long distance, paging and cellular services throughout the western United States.

Shortly after the purchase, GetNet set out to build a national backbone to expand its joint service offerings into the national high-speed Internet access market. Touch Tone America became a publicly traded company listed as TONE on the NASDAQ in May 1996. In August 1996, the initial phase of an ATM network was completed and marketing efforts began in five cities across the United States.

COMPANY DESCRIPTION

GENERAL MANAGER: Jim Bascom
NASDAQ: TONE and TONE W
Consumer Subscribers: 3,000
Business Accounts: 60
Revenues: \$963,000 for six months ended November 1996

Earnings: —\$2.2 million for six months ended November 1996

Total POPs: 6

Employees: 18

Office Location: 3300 Central Avenue, Suite 1155, Phoenix, AZ 85012

Voice: (602) 263-7559

Facsimile: (602) 263-9623

24-Hour NOC Telephone: (602) 263-9605

MailTo: sales@getnet.net

http://www.getnet.net

CURRENT BACKBONE ARCHITECTURE

GetNet utilizes WorldCom ATM technology at 45 Mbps to link node sites and NAP connections redundantly across the country. The network utilizes Cisco 7000 series routers coupled with Teleport Communications Group SONET technology in each node city. All node cities are configured for "one-hop" connectivity to at least two NAP connections to enable higher speed transactions across the GetNet backbone.

Senior Network Architect

Engineer: Dr. George Wood

MailTo: gwood@getnet.net

BACKBONE CITIES

Baltimore, MD
 Phoenix, AZ
 Pittsburgh, PA
 Santa Clara, CA
 Washington, DC

MAJOR PEER INTERCONNECT POINTS

MAE West - San Jose, CA
 MAE East - Washington, DC
 Pac Bell San Francisco NAP - San Francisco, CA

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: Jim Bascom

Position: General Manager

Voice: (602) 263-7559

Facsimile: (602) 263-9624

MailTo: jbascom@getnet.net

http://www.getnet.net

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: All POP cities

Average Installation Time: 45-60 days

Setup: \$1,400

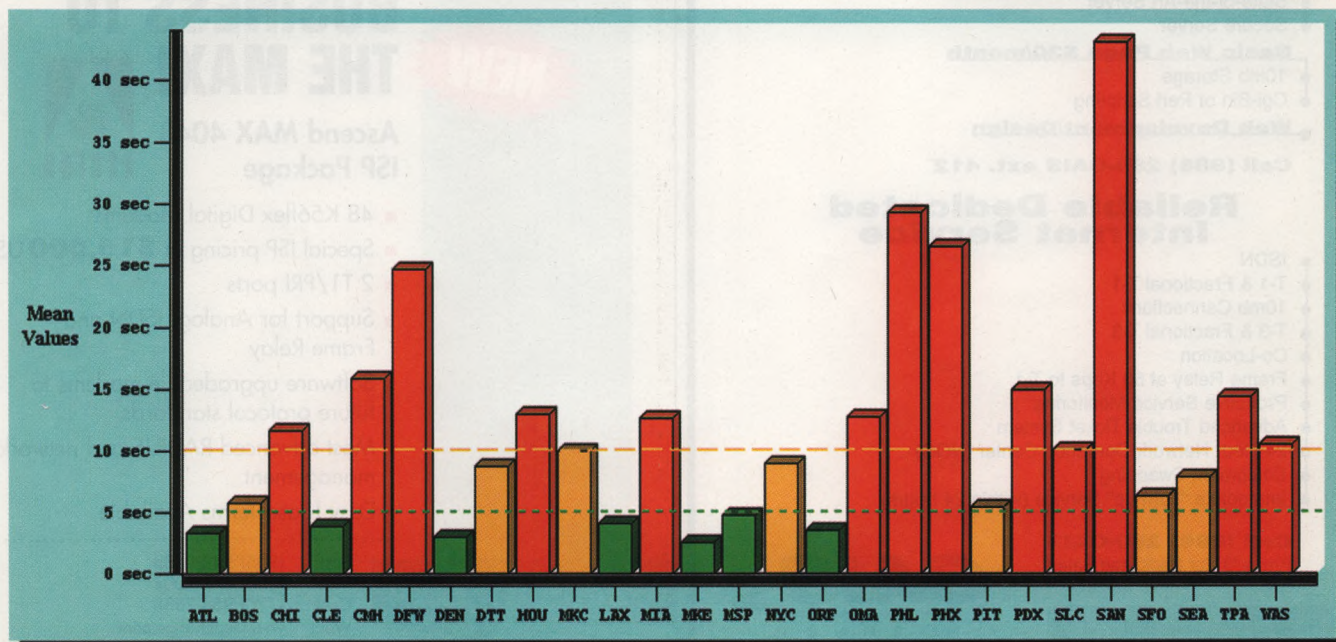
Monthly: \$1,500

Recommended Equipment: Cisco 2501

GetNet

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 70404

AVERAGE: 11.323 sec
 DEVIATION: 58.359 sec



56 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 45-60 days
Setup: \$1,400
Monthly: \$750
Recommended Equipment:

28.8 Kbps LAN DIAL-UP CONNECTIONS

Availability: All POP Cities
Average Installation Time: 45-60 days
Setup: \$200
Monthly: \$225
Recommended Equipment:

WEB HOSTING

Setup: \$99
Monthly: \$139
Storage Limitations: 5 MB

CONSUMER PRODUCTS

CONSUMER CONTACT INFORMATION

Person: Roxanne
Position: Customer Service Center
Voice: (602) 943-3119
Facsimile: (602) 874-4500
MailTo: info@getnet.com
http://www.getnet.com

28.8 Kbps DIAL-UP CONNECTIONS

Availability: Phoenix Metropolitan Area
Setup: \$19.99
Monthly: \$16.99
Hours Included: Unlimited
Recommended Equipment:

GETNET POINTS OF PRESENCE

Phoenix, AZ (East) (602) 381-xxxx
Phoenix, AZ (Central) (602) 274-xxxx

FUTURE EXPANSION PLANS

Since GetNet is a wholly owned subsidiary of Touch Tone America, the company envisions a natural marketing progression into major cities where Touch Tone has existing customers and switching facilities. Based on market analysis, GetNet's network expansion plan for 1997 includes Denver, Salt Lake City, Seattle, Portland, Omaha, Los Angeles, San Diego and Albuquerque.

In mid-March, Touch Tone announced that a merger with Arcada Communications of Seattle, Washington, fell through. The two companies had been

close to an agreement since November 1996. Arcada, a growing provider of long distance voice and data telecommunications services, elected to terminate the merger agreement. Touch Tone said it will continue to pursue suitable acquisition candidates in the telecommunications industry. ♦

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free stuff

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your friends and get great
stuff, search our complete
catalogs, contact customer
service & more!

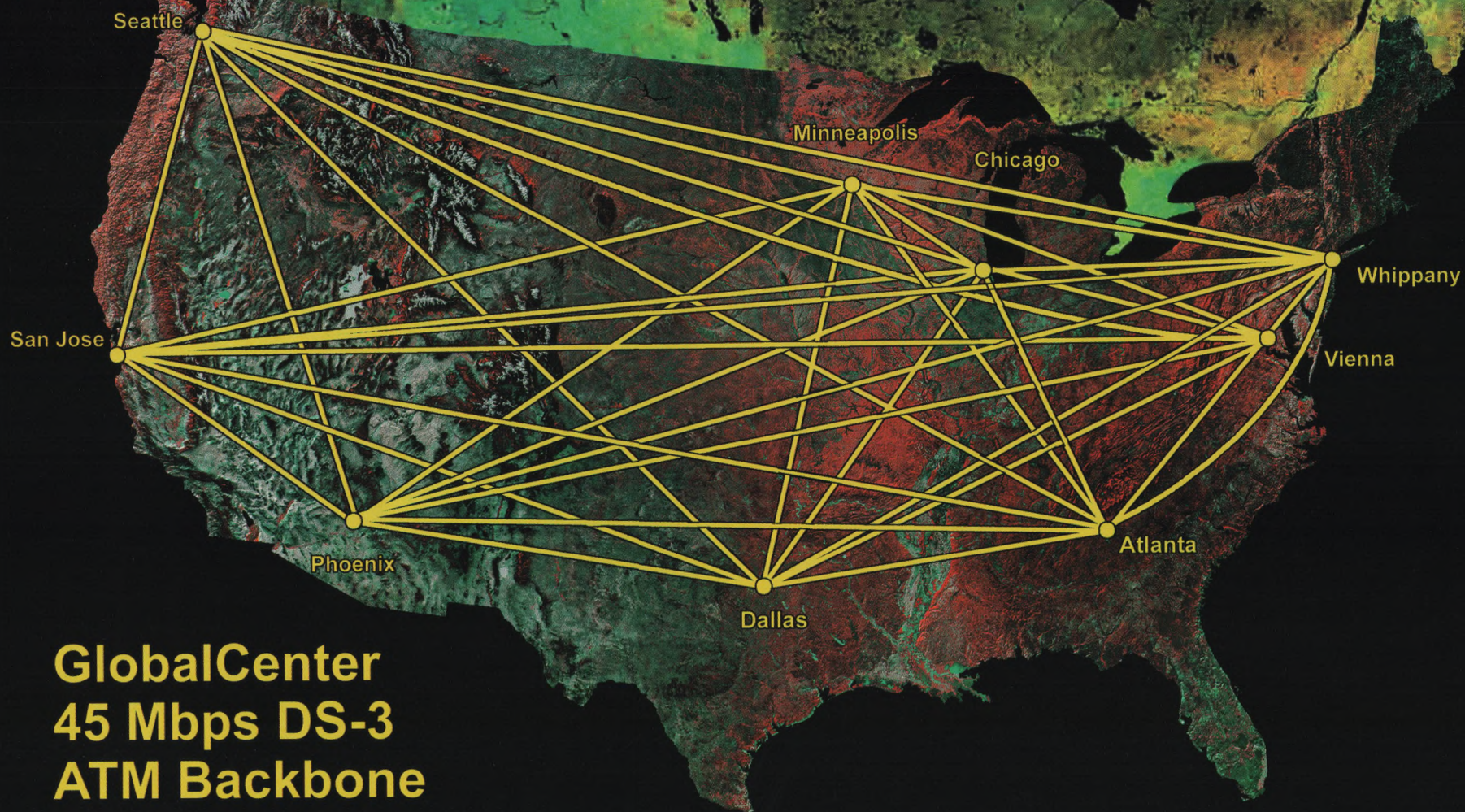
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GlobalCenter
45 Mbps DS-3
ATM Backbone

GlobalCenter

Sunnyvale, California/Phoenix, Arizona

HISTORY

In January 1997, GlobalCenter Inc., an Internet provider for small businesses, merged with Primeret, an ISP and web hosting provider for the small office/home office market that has developed a nationwide ATM backbone. The new company retains the name GlobalCenter. Together, Primeret and GlobalCenter provide Internet access applications to more than 10,000 businesses and host more than 6,000 corporate web sites.

Phoenix-based Primeret, formerly Impact Technology, Inc., started in October 1993 as an engineering and consulting firm for businesses. The company's technicians primarily sold and assembled computers and peripherals, and designed and installed business networks. In June 1994, Primeret began offering a full range of Internet services, building on its experience with local area networking. In its first year of offering Internet access, Primeret acquired about 13,000 subscribers. By the second year the subscriber base exceeded 30,000.

Primeret brought more than 130 employees to the merger as well as the

ATM backbone that it developed on MFS Communications' infrastructure with multiple peering points and a network of 80 POPs. All POPs were absorbed by the new GlobalCenter. The company continues to offer dial-up Internet access, high-speed connections, network services, web hosting and web design.

GlobalCenter began in January 1994 as Global Village's Internet Services Division. It separated from Global Village in February 1996. It concentrated on tying the internal networks of small- and medium-sized businesses to the Internet and creating a presence for those businesses on the World Wide Web. The company brought 50 employees and more than 400 corporate LAN accounts to the merger.

The new GlobalCenter says the merger brought a more experienced and diversified management team, extended geographic and market reach for both companies, and strengthened financial resources with financial partners in Sequoia Capital and Hummer Winblad. The company declined to release financial details of the merger. Doug Hickey, company CEO, previously headed MFS Internet and helped design the

Worldcom ATM network that GlobalCenter now uses.

On April 2, GlobalCenter announced plans to merge with Internet Systems Inc. (ISI). ISI is a provider of high-volume information distribution over the Internet. The companies plan to further develop digital distribution as a viable communication vehicle employing both push and pull technologies.

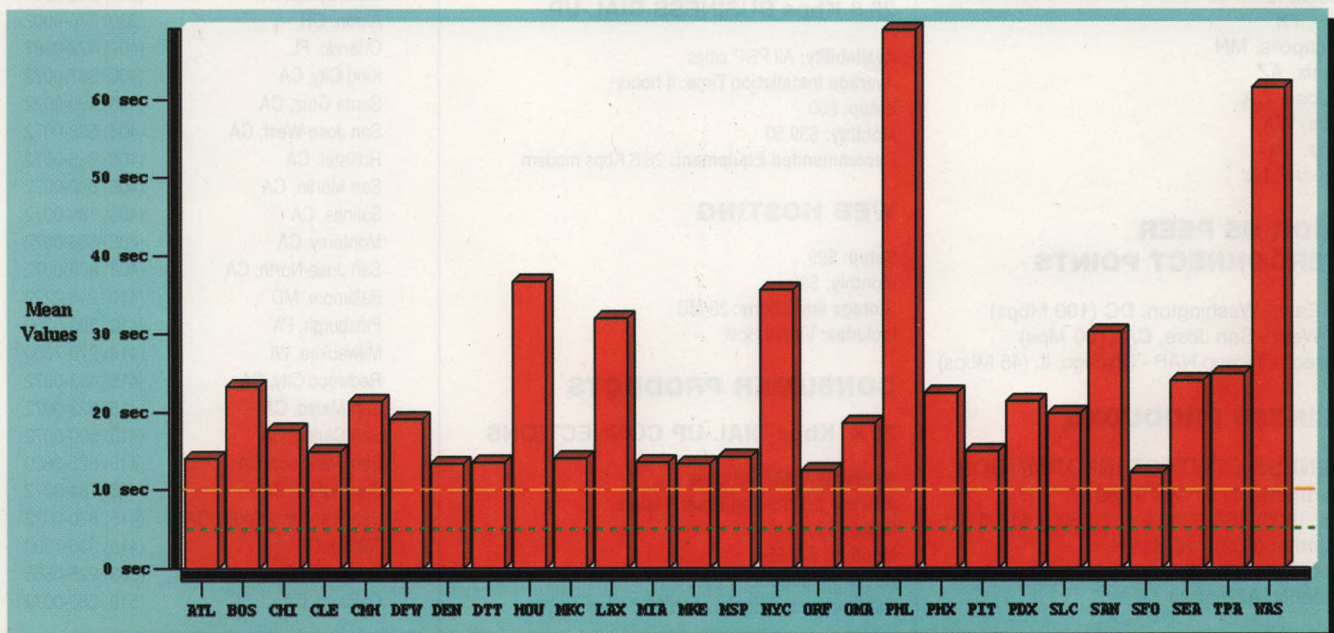
ISI started in Sunnyvale, California, in 1994. ISI provides web applications, high-availability web hosting and distributed digital content for large Internet-dependent companies such as Netscape, Yahoo!, Time Warner and Pacific Bell, and scaleable digital distribution services to small- and medium-sized companies.

GlobalCenter offers subscription-based hardware, software, networking services and support. GlobalCenter says it will target the business communications needs of small businesses in the United States, including the one- to five-employee home or small office, the 10- to 50-employee professional office, and the 500-person manufacturing or service company.

Global Center

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60114

AVERAGE: 23.505 sec
DEVIATION: 91.909 sec



COMPANY DESCRIPTION

CEO: Doug Hickey
Stock Exchange: Privately held
Business dial-up accounts: 10,000+
Business dedicated access accounts: 100
Annual revenues from Internet related operations: None
Earnings: None
Total POPs: 80
Total dial-up ports: 4,000+
Number of employees: 180
Office locations: Phoenix, Arizona and Sunnyvale, California
Street mailing address: 1154 E. Argues Avenue, Sunnyvale, CA 94086
Voice: (800) 463-8386, (602) 416-6100
Facsimile: (602) 416-6111
MailTo: info@primenet.com
http://www.globalcenter.net

BACKBONE ARCHITECTURE

GlobalCenter operates a national 45 Mbps fully meshed ATM backbone built on Cisco Light Streams with ATM switches and Cisco 75xx Routers. The network uses private virtual circuits from the WorldCom ATM network to connect hub cities. GlobalCenter collocates equipment at WorldCom cities to interface with the WorldCom ATM network.

Senior Network Architect

Engineer: Bill Petrisko
MailTo: bill@primenet.com
Street mailing address:
 1224 East Washington Street,
 Phoenix, AZ 85034

MAJOR BACKBONE CITIES

Atlanta, GA
 Chicago, IL
 Dallas, TX
 Minneapolis, MN
 Phoenix, AZ
 San Jose, CA
 Seattle, WA
 Vienna, VA
 Whippany, NY

MAJOR US PEER INTERCONNECT POINTS

MAE East - Washington, DC (100 Mbps)
 MAE West - San Jose, CA (100 Mps)
 Ameritech Chicago NAP - Chicago, IL (45 Mbps)

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Department: Business Sales
Voice: (800) 463-8386 ext. 7, (602) 416-6181
Facsimile: (602) 416-6111
Street Mail: 1224 E. Washington,
 Phoenix, AZ 85034

MailTo: sales-info@primenet.com
http://www.globalcenter.net

45 Mbps T-3 LEASED LINE ACCESS

Availability: All backbone cities
Average Installation Time: 6-8 weeks
Setup: Starts at \$30,000
Monthly: Starts at \$30,000
Recommended Equipment: Cisco 45xx

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 3 weeks
Setup: \$1,500
Monthly: \$1,295
Recommended Equipment: Livingston IRX on Cisco 25xx

56 Kbps LEASED LINE ACCESS

Availability: All ATM cities
Average Installation Time: 3 weeks
Setup: \$500
Monthly: \$325
Recommended Equipment: Livingston

64 Kbps ISDN DEDICATED NETWORK CONNECTIONS

Availability: Nationwide
Average Installation Time: 3 weeks
Setup: \$499
Monthly: \$499
Recommended Equipment: Hardware included

28.8 Kbps LAN DIAL-UP CONNECTIONS

Availability: Nationwide
Average Installation Time: 1 hour
Setup: \$499
Monthly: \$349
Recommended Equipment: Hardware included

BUSINESS DIAL-UP

28.8 Kbps BUSINESS DIAL-UP

Availability: All POP cities
Average Installation Time: 4 hours
Setup: \$60
Monthly: \$39.50
Recommended Equipment: 28.8 Kbps modem

WEB HOSTING

Setup: \$99
Monthly: \$99
Storage limitations: 25 MB
Includes: Virtual Host

CONSUMER PRODUCTS

28.8 Kbps DIAL-UP CONNECTIONS

Availability: All POP cities
Average Installation Time: 4 hours
Setup: \$30
Monthly: \$20.95
Hours Included: Unlimited
Recommended Equipment: 28.8 Kbps modem

GLOBALCENTER POINTS OF PRESENCE

Whippany, NY	(201) 515-0066
Stamford, CT	(203) 705-0610
Seattle, WA	(206) 441-5555
Boise, ID	(208) 375-3333
Nampa, ID	(208) 466-2008
Payette, ID	(208) 642-4000
Sun Valley, ID	(208) 726-9898
Jackson, CA	(209) 231-0072
Fresno, CA	(209) 264-3333
Lodi, CA	(209) 340-0072
Yosemite, CA	(209) 391-0072
Modesto, CA	(209) 554-0072
Three Rivers, CA	(209) 566-0072
Dinuba, CA	(209) 590-0072
Firebaugh, CA	(209) 657-0072
Madera, CA	(209) 660-0072
Chowchilla, CA	(209) 663-0072
Merced, CA	(209) 721-0072
Angels Camp, CA	(209) 729-0072
Visalia, CA	(209) 746-0072
Porterville, CA	(209) 792-0072
Tracy, CA	(209) 820-0072
Los Banos, CA	(209) 828-0072
Crow's Landing, CA	(209) 856-0072
Milton, CA	(209) 885-0072
Laton, CA	(209) 921-0072
Stockton, CA	(209) 926-0072
Mocassin, CA	(209) 927-0072
New York City, NY	(212) 378-0194
Los Angeles, CA	(213) 872-1000
Dallas, TX	(214) 745-1100
Philadelphia, PA	(215) 790-2000
Cleveland, OH	(216) 420-9000
Denver, CO	(303) 285-0200
Miami, FL	(305) 377-9999
Chicago-Zn1-Canal, IL	(312) 416-0906
Chicago-Zn1-Canal, IL	(312) 453-0000
Chicago-Zn1-Canal, IL	(312) 803-0426
Detroit, MI	(313) 629-0712
Detroit, MI	(313) 989-0711
Indianapolis, IN	(317) 972-7200
Akron, OH	(330) 376-9002
Orlando, FL	(407) 422-0387
King City, CA	(408) 387-0072
Santa Cruz, CA	(408) 480-0072
San Jose-West, CA	(408) 538-0072
Hollister, CA	(408) 665-0072
San Martin, CA	(408) 692-0072
Salinas, CA	(408) 785-0072
Monterey, CA	(408) 886-0072
San Jose-North, CA	(408) 889-0072
Baltimore, MD	(410) 246-2222
Pittsburgh, PA	(412) 393-0300
Milwaukee, WI	(414) 270-7000
Redwood City, CA	(415) 423-0072
San Mateo, CA	(415) 523-0072
San Carlos, CA	(415) 590-0072
San Francisco, CA	(415) 623-3600
San Rafael, CA	(415) 784-0072
San Francisco-South, CA	(415) 870-0072
Toledo, OH	(419) 936-7000
Portland, OR	(503) 225-0555
Oakland, CA	(510) 288-0072

Martinez, CA (510) 369-0072
 Pleasanton, CA (510) 397-0072
 Fremont/Newark-Main, CA (510) 405-0072
 Antioch, CA (510) 775-0072
 Hayward, CA (510) 892-0072
 Walnut Creek, CA (510) 940-0072
 Yuma, AZ (520) 343-1111
 Casa Grande, AZ (520) 421-2222
 Sierra Vista, AZ (520) 452-8888
 Heber/Overgaard, AZ (520) 535-3058
 Wickenburg, AZ (520) 684-0000
 Prescott, AZ (520) 771-0101
 Flagstaff, AZ (520) 773-7777
 Tucson, AZ (520) 903-1111
 Phoenix, AZ (602) 594-8000
 Madison, WI (608) 282-1300
 Minneapolis/St. Paul, MN (612) 339-0303
 Chula Vista, CA (619) 210-0525
 Imperial Beach, CA (619) 210-0525
 San Ysidro, CA (619) 210-0525
 Alpine, CA (619) 212-0542
 El Cajon, CA (619) 212-0542
 Harbison, CA (619) 212-0542
 Ramona, CA (619) 212-0542
 Santee, CA (619) 212-0542
 Coronado, CA (619) 215-0539
 Del Mar, CA (619) 410-0701
 La Jolla, CA (619) 410-0701
 Pacific Beach, CA (619) 410-0701
 Jamul, CA (619) 415-0541
 La Mesa, CA (619) 415-0541
 Lemon Grove, CA (619) 415-0541
 Spring Valley, CA (619) 415-0541
 Chula Vista, CA (619) 419-0538
 National City, CA (619) 419-0538
 Linda Vista, CA (619) 712-1795
 San Diego/Linda Vista, CA (619) 712-1795
 Escondido, CA (619) 716-0545
 Poway, CA (619) 716-0545
 Rancho Bernardo, CA (619) 716-0545
 Rancho Penasquitos, CA (619) 716-0545
 San Marcos, CA (619) 716-0545
 Mira Mesa, CA (619) 880-0655
 San Diego, CA (619) 881-1535
 Chicago-Hinsdale, IL (630) 203-0506
 Chicago-Oakbrook, IL (630) 203-0507
 Chicago-Lombard, IL (630) 282-0506
 Chicago-Naperville, IL (630) 300-0506
 Chicago-Bensenville, IL (630) 477-0506
 Aurora, IL (630) 518-0024
 Chicago-Elmhurst, IL (630) 589-0506
 Chicago-Downer's Grove, IL (630) 874-0106
 St. Charles, IL (630) 945-0201
 Geneva, IL (630) 998-0201
 Washington, DC (703) 714-0011
 Vienna, VA (703) 714-0011
 Lakeport, CA (707) 264-0072
 Willits, CA (707) 370-0072
 Eureka, CA (707) 440-0072
 Ukiah, CA (707) 466-0072
 Vacaville, CA (707) 470-0072
 Santa Rosa, CA (707) 581-0072
 Benicia, CA (707) 749-0072
 Occidental, CA (707) 873-0072
 Cloverdale, CA (707) 893-0072
 Sonoma, CA (707) 940-0072

Fort Bragg, CA (707) 969-0072
 Lower Lake, CA (707) 993-0072
 Chicago-Bellwood, IL (708) 401-0006
 Homewood, IL (708) 918-0201
 Chicago-Summit, IL (708) 929-0506
 Houston, TX (713) 993-7100
 Santa Ana, CA (714) 285-1111
 San Juan Capistrano, CA (714) 488-2000
 Eau Claire, WI (715) 831-5555
 Colorado Springs, CO (719) 635-4444
 Oceanside, CA (760) 929-9797
 Victorville, CA (760) 951-0511
 Atlanta, GA (770) 858-0018
 Chicago-Zn2-Irving, IL (773) 442-0506
 Chicago-Zn4-Humboldt, IL (773) 598-0506
 Chicago-Zn6, IL (773) 598-0506
 Chicago-Zn3-Kildare, IL (773) 632-0506
 Richmond, VA (804) 261-1616
 Detroit, MI (810) 365-0810
 Detroit, MI (810) 819-0611
 Detroit, MI (810) 957-0611
 Tampa, FL (813) 354-9400
 Crystal Lake, IL (815) 261-0201
 Plainfield, IL (815) 267-0201
 Joliet, IL (815) 272-0201
 Kansas City, MO (816) 471-4444
 Los Angeles, CA (818) 385-1111
 Chicago-Schaumburg, IL (847) 273-0506
 Chicago-Northbrook, IL (847) 400-0506
 Chicago-Arlington Heights, IL (847) 463-0506
 Chicago-Elk Grove, IL (847) 631-0506
 Chicago-Skokie, IL (847) 745-0506
 Barrington, IL (847) 756-0201
 Chicago-Wheeling, IL (847) 777-0506
 Elgin, IL (847) 841-0201
 Libertyville, IL (847) 990-0201
 Hartford, CT (860) 706-0610
 San Bernardino, CA (909) 386-5700
 Pomona, CA (909) 397-8400
 El Paso, TX (915) 533-8700
 Challenge, CA (916) 236-0072
 Rio Linda, CA (916) 237-0072
 Mt. Shasta, CA (916) 239-0072
 Redding, CA (916) 248-0072
 Grass Valley, CA (916) 270-0072
 Quincy, CA (916) 280-0072
 Sacramento, CA (916) 282-0072
 Placerville/Kyburz, CA (916) 291-0072
 Davis, CA (916) 298-0072
 Lewiston, CA (916) 380-0072
 Los Molinos, CA (916) 390-0072
 South Lake Tahoe, CA (916) 494-0072
 Chico, CA (916) 540-0072
 North Lake Tahoe, CA (916) 548-0072
 Truckee, CA (916) 579-0072
 Marysville, CA (916) 770-0072
 Portola, CA (916) 831-0072
 Fair Oaks, CA (916) 866-0072
 Biggs, CA (916) 869-0072
 Oroville, CA (916) 871-0072
 Auburn, CA (916) 883-0072
 Butte City, CA (916) 884-0072
 Orland, CA (916) 936-0072
 Yreka, CA (916) 937-0072
 Dayton, OH (937) 227-9800

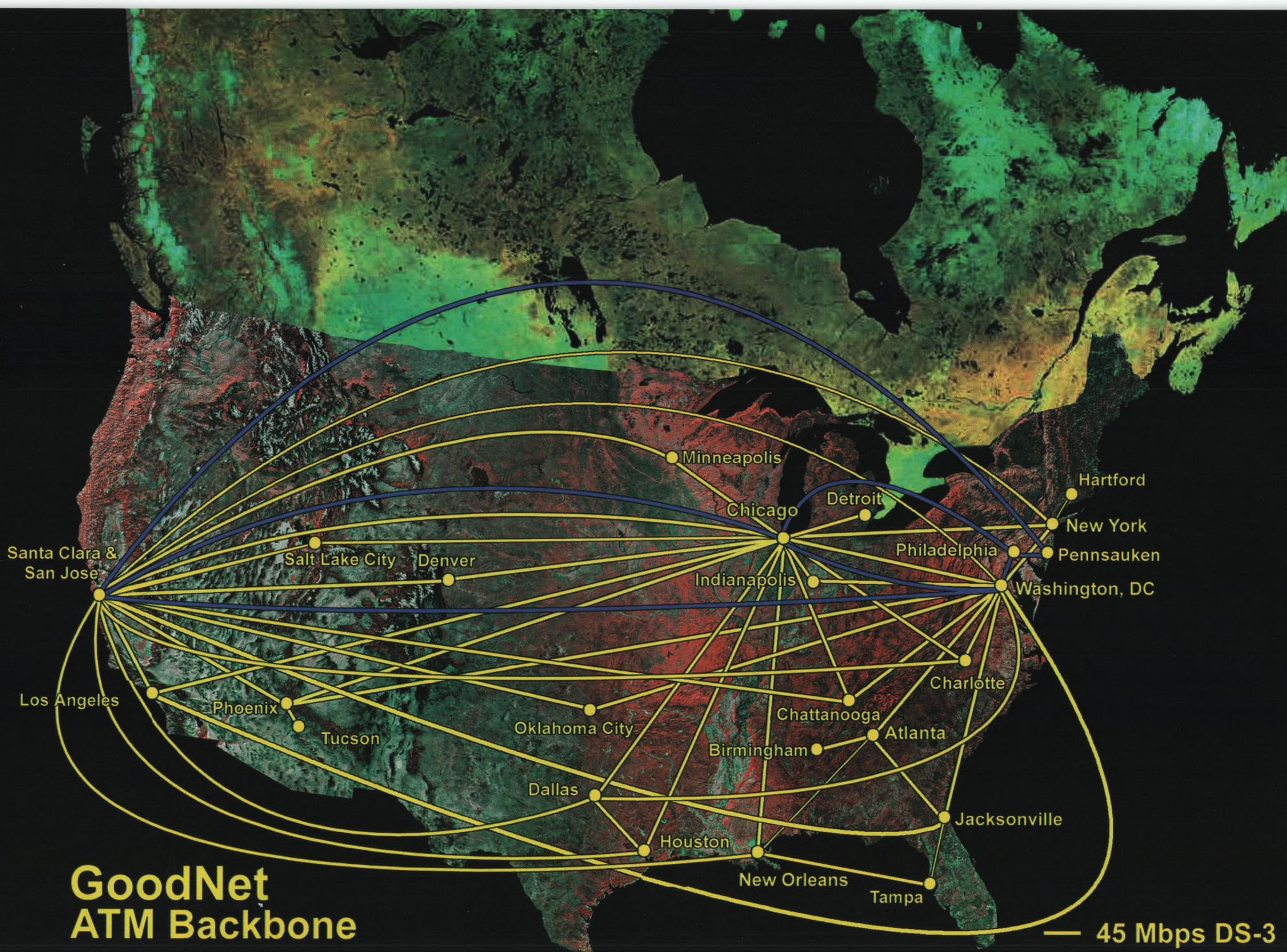
FUTURE EXPANSION PLANS

With the merger, GlobalCenter believes it will be able to more quickly bring to market such applications as single and multiple dial-up access, LAN-based dial-up access, dedicated LAN-based access web hosting, dedicated collocation web hosting, web design and development, and electronic commerce, while staying focused on providing scaleable Internet applications for small and medium-sized businesses.

56K DEPLOYMENT

On April 21, GlobalCenter announced its intention to deploy all evolving 56 Kbps modem technologies. GlobalCenter began implementing Rockwell's K56Plus, Lucent Technologies' V.Flex, and US Robotics' x2 modem technologies into its nationwide network on a metropolitan area basis beginning in June. The plan calls for installation of redundant dial-up modem pools, starting in Arizona, California, and the Chicago area.

The 56 Kbps connectivity will be bundled with GlobalCenter's recently announced PrimeClass service. PrimeClass service guarantees 99 percent network up-time from 6 a.m. to 6 p.m. and includes network performance guarantees and customer service response. Network performance guarantees include connection with any GlobalCenter POP within three attempts and e-mail delivery through its network in under 10 minutes. To ensure responsive customer support, each customer will be assigned a toll-free number and a technical support representative will answer within two minutes between 6 a.m. and 6 p.m. in the customer's time zone. Pricing for 56 Kbps service with PrimeClass service will be announced when the implementation begins. ♦



GoodNet ATM Backbone

— 45 Mbps DS-3
— 155 Mbps OC-3

GoodNet

Phoenix, Arizona

HISTORY

A team of industry experts with more than 50 years of combined experience in telecommunications, UNIX systems, and network integration, as well as six years of success in the Internet business formed GoodNet in 1995. In 1996 GoodNet joined with Telesoft, a 12 year-old publicly traded software development and telecommunications company. GoodNet and Telesoft have more than \$30 million in combined assets and are a significant player among national backbone operators.

The company's founder and CEO, Dave Jemmett brought together network design specialists, sales experts, and support engineers from companies such as AT&T, UUNET, and Network 99. In May 1996, GoodNet began deployment of a 45 Mbps Asynchronous Transfer Mode (ATM) switch-based national backbone and began selling dedicated access connections specifically to other Internet service providers. GoodNet does not offer dial-up connectivity outside the state of Arizona, but specializes in dedicated business connections and the ISP market.



COMPANY DESCRIPTION

CEO: David Jemmett
NASDAQ: TSFT
Consumer subscribers: 20,000 dial-up
Business subscribers: 5,000 dial-up, 250 network
Revenues: \$23.7 Million (fiscal 1996)
Earnings: \$661,065 (fiscal 1996)
Total POPs: 125
Total dial-up ports: 1,400
Employees: 70
Mailing address: 3443 North Central, 17th Floor, Phoenix, AZ, 85012
Voice: (888) GoodNet
24-Hour Network Operations Center: (888)GoodNOC
International: (602) 303-9500
Facsimile: (602) 303-0550
MailTo: //sales@good.net
http: //www.good.net

CURRENT BACKBONE ARCHITECTURE:

GoodNet's backbone utilizes IXC's lines to provide an OC-3 (155 Mbps) topology,

fully-meshed, fault-tolerant ring. GoodNet utilizes LDDS WorldCom and IXC public lines to provide redundant DS-3 (45 Mbps) full-mesh connectivity between all GoodNet's NAP cities and to major core cities. All core cities are logically one hop from at least two major NAP cities for lower latency. GoodNet primarily uses Cisco 7513 series routers, and Onstream CS600 ATM bandwidth aggregation devices in its POP design.

GoodNet maintains a 24x7, centralized Network Operations Center (NOC) in Phoenix, Arizona that is in full compliance with International CCITT and National ANSI standards.

Chief Technical Officer:

Darin Wayrynen
Voice: (602) 303-9500 ext 3234
MailTo: darin@good.net
Network Operations Center: (602) 303-9500
MailTo: noc@good.net

BACKBONE CITIES

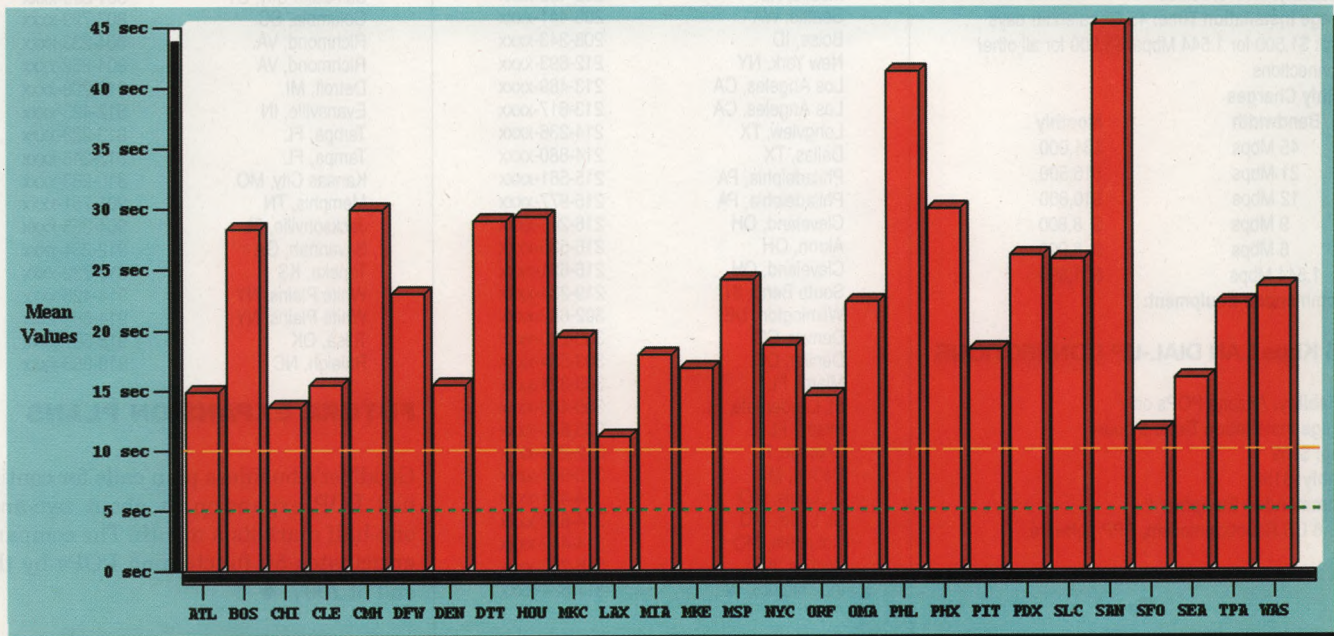
GoodNet currently links 5 U.S. cities with 155 Mbps OC-3 connections:

Chicago, IL	San Jose, CA
Philadelphia, PA	Washington, DC
Pennsauken, NJ	

GoodNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 70658

AVERAGE: 22.000 sec
DEVIATION: 114.705 sec



The following cities are linked by DS-3 connections:

Atlanta, GA	Minneapolis, MN
Austin, TX	New Orleans, LA
Birmingham, AL	New York, NY
Charlotte, SC	Oklahoma City, OK
Chattanooga, TN	Phoenix, AZ
Dallas, TX	Salt Lake City, UT
Denver, CO	San Jose, CA
Houston, TX	Santa Clara, CA
Indianapolis, IN	Tampa, FL
Jacksonville, FL	Tucson, AZ
Hartford, CT	White Plains, NY
Los Angeles, CA	

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Washington, DC
 MAE West - San Jose, CA
 Ameritech Chicago NAP - Chicago, IL
 CIX - Palo Alto, CA
 Sprint New York NAP - Pennsauken, NJ
 Pac Bell San Francisco NAP - San Francisco, CA

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: Ben Wagner
Position: National Sales Manager
Voice: (888) GoodNet
Facsimile: (602) 303-0550
MailTo: sales@good.net
<http://www.good.net>

DEDICATED ACCESS CONNECTIONS

GoodNet is positioning itself as a provider of high-bandwidth connections specifically to other Internet service providers. GoodNet offers dedicated access connections from 1.544 Mbps to 45 Mbps. Prices listed are for a one-year terms. Significant discounts are available for multi-year contracts.

Availability: All POP cities
Average Installation Time: 45-60 calendar days
Setup: \$1,500 for 1.544 Mbps; \$5,500 for all other connections

Monthly Charges

Bandwidth	Monthly
45 Mbps	\$31,000
21 Mbps	\$16,500
12 Mbps	\$10,800
9 Mbps	\$ 8,800
6 Mbps	\$ 6,000
1.544 Mbps	\$ 1,899

Recommended Equipment:

33.6 Kbps LAN DIAL-UP CONNECTIONS

Availability: Arizona POPs only
Average Installation Time: 8 hours
Setup: \$159
Monthly: \$159
Recommended Equipment:
 33.6 US Robotics modem, PPP software

CONSUMER PRODUCTS

GoodNet offers dial-up connections to consumers within the state of Arizona. The company is moving toward providing backbone connections to Internet service providers nationwide, and there are no plans for expansion of consumer dial-up services.

CONSUMER CONTACT INFORMATION

Person: Dolly Menashe
Position: Sales
Voice: (602) 303-9500
Facsimile: (602) 303-0550
MailTo: sales@goodnet.com
<http://www.goodnet.com>

33.6 Kbps DIAL-UP CONNECTIONS

Availability: Arizona
Average Installation Time: 2 hours
Setup: \$19.95
Monthly: \$19.95
Hours Included: Unlimited
Recommended Equipment: 33.6 modem

GOODNET POINTS OF PRESENCE

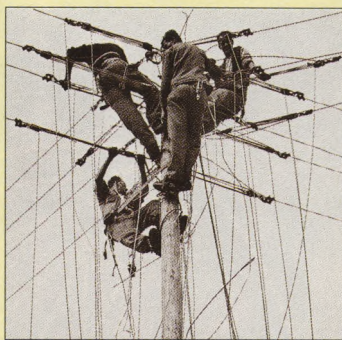
All services up to and including DS-3 connections are available in the following GoodNet POPs.

Whippany, NJ	201-386-xxxx
Newark, NJ	201-623-xxxx
Washington, DC	202-789-xxxx
Hartford, CT	203-244-xxxx
Stamford, CT	203-358-xxxx
Stamford, CT	203-977-xxxx
Hartford, CT	203-725-xxxx
Montgomery, AL	205-269-xxxx
Mobile, AL	205-432-xxxx
Seattle, WA	206-441-xxxx
Boise, ID	208-343-xxxx
New York, NY	212-693-xxxx
Los Angeles, CA	213-489-xxxx
Los Angeles, CA	213-617-xxxx
Longview, TX	214-236-xxxx
Dallas, TX	214-880-xxxx
Philadelphia, PA	215-561-xxxx
Philadelphia, PA	215-977-xxxx
Cleveland, OH	216-241-xxxx
Akron, OH	216-535-xxxx
Cleveland, OH	216-621-xxxx
South Bend, IN	219-234-xxxx
Wilmington, DE	302-652-xxxx
Denver, CO	303-220-xxxx
Denver, CO	303-534-xxxx
Miami, FL	305-324-xxxx
Ft. Lauderdale, FL	305-486-xxxx
Miami, FL	305-639-xxxx
Chicago, IL	312-294-xxxx
Detroit, MI	313-961-xxxx
St. Louis, MO	314-421-xxxx
St. Louis, MO	314-692-xxxx
Columbia, MO	314-442-xxxx
Wichita, KS	316-263-xxxx
Indianapolis, IN	317-634-xxxx

Indianapolis, IN	317-974-xxxx
Shreveport, LA	318-425-xxxx
Lake Charles, LA	318-439-xxxx
Davenport, IA	319-323-xxxx
Des Moines, IA	319-351-xxxx
Iowa City, IA	319-351-xxxx
Cedar Rapids, IA	319-366-xxxx
Omaha, NE	402-341-xxxx
Smyrna, GA	404-435-xxxx
Atlanta, GA	404-655-xxxx
Atlanta, GA	404-659-xxxx
Augusta, GA	404-724-xxxx
Oklahoma City, OK	405-239-xxxx
Orlando, FL	407-660-xxxx
West Palm Beach, FL	407-833-xxxx
Orlando, FL	407-849-xxxx
Santa Clara, CA	408-970-xxxx
San Jose, CA	408-975-xxxx
Beaumont, TX	409-839-xxxx
Baltimore, MD	410-752-xxxx
Baltimore, MD	410-783-xxxx
Pittsburgh, PA	412-261-xxxx
Pittsburgh, PA	412-391-xxxx
Springfield, MA	413-737-xxxx
San Francisco, CA	415-243-xxxx
San Francisco, CA	415-362-xxxx
Joplin, MO	417-623-xxxx
Toledo, OH	419-241-xxxx
Portland, OR	503-228-xxxx
Portland, OR	503-242-xxxx
Baton Rouge, LA	504-334-xxxx
New Orleans, LA	504-528-xxxx
Framingham, MA	508-370-xxxx
Albany, NY	518-462-xxxx
Phoenix, AZ	602-303-xxxx
Mercerville, NJ	609-890-xxxx
Minneapolis, MN	612-332-xxxx
Minneapolis, MN	612-333-xxxx
Nashville, TN	615-256-xxxx
Chattanooga, TN	615-756-xxxx
Boston, MA	617-267-xxxx
Boston, MA	617-345-xxxx
Waltham, MA	617-622-xxxx
San Diego, CA	619-625-xxxx
Las Vegas, NV	702-388-xxxx
Vienna, VA	703-506-xxxx
Naperville, IL	708-955-xxxx
Houston, TX	713-236-xxxx
Dallas, TX	713-293-xxxx
Houston, TX	713-652-xxxx
Rochester, NY	716-454-xxxx
Buffalo, NY	716-845-xxxx
Salt Lake City, UT	801-596-xxxx
Columbia, SC	803-799-xxxx
Richmond, VA	804-233-xxxx
Richmond, VA	804-262-xxxx
Detroit, MI	810-208-xxxx
Evansville, IN	812-423-xxxx
Tampa, FL	813-223-xxxx
Tampa, FL	813-248-xxxx
Kansas City, MO	816-283-xxxx
Memphis, TN	901-761-xxxx
Jacksonville, FL	904-355-xxxx
Savannah, GA	912-234-xxxx
Topeka, KS	913-232-xxxx
White Plains, NY	914-428-xxxx
White Plains, NY	914-683-xxxx
Tulsa, OK	918-587-xxxx
Raleigh, NC	919-850-xxxx

FUTURE EXPANSION PLANS

GoodNet's business plan calls for continued POP expansion at about two-and-one-half markets a month. The company anticipates 50 functioning POPs by the end of 1997. ♦



How to sneak your whole company onto the internet without {technically} breaking the law.

Honestly now, it's impossible to over-estimate the importance of Internet access.



*Using WebRamp M3
is a bit like siphoning gas.
But without
the bitter aftertaste.*

But with multiple phone lines and separate Internet accounts, all that gets to be a little costly. Enter the WebRamp M3, a single

Internet access device that allows everyone in your entire company separate and simultaneous access.

Technically, the M3 is a breakthrough router/hub. But because it's designed for utter simplicity, we'll skip the cumbersome terminology. Quite simply, it eliminates the necessity of separate Internet accounts for each user. How? First connect up to three modems to as many ISP accounts. Then connect as

many users as you'd like to the M3. In essence you're "sneaking" your whole company onto the Internet through one connection. (And while that delivers the tasty little rush of getting away with something, we assure you it's quite legal.) Plus, with three modems you get web access speed that just plain blazes.

So to really make the Internet work for your business, visit us at www.rampnetworks.com/booklet7.html or call 888-493-2726 toll free.

We'll send you Charles Rubin's "Internet for Small Business: How to Make the Internet Pay Off in Profits and Productivity," free. At this rate, you may never have to pay for anything again.

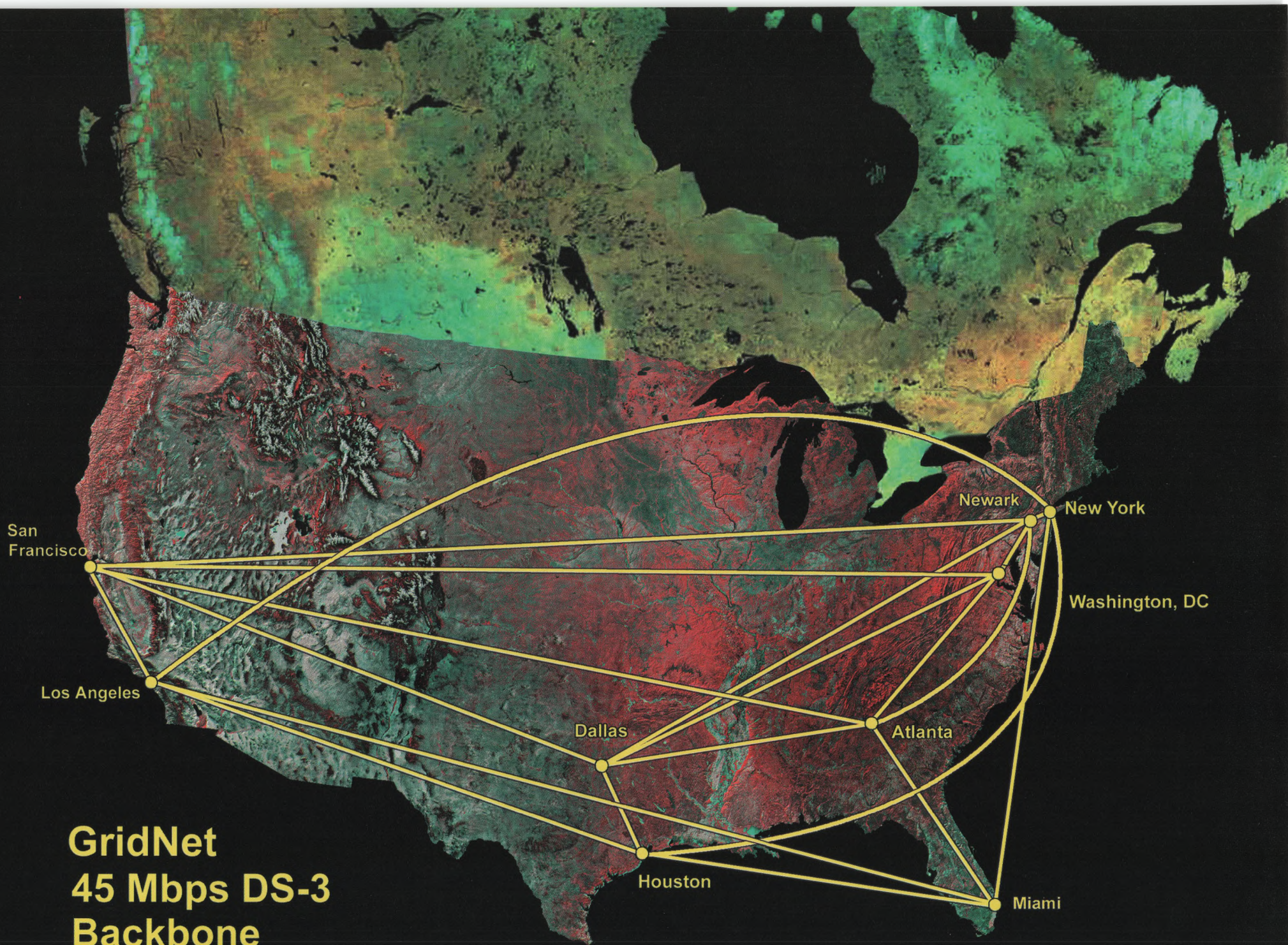


*WebRamp M3 won
the prestigious
Best of Show Award at
Networld+Interop 1997*

WebRamp m3

Just this side of legal.™

Come by our Booth #2640 at Internet World in Chicago for a demonstration of WebRamp M3 and other marginally legal activities.



GridNet
45 Mbps DS-3
Backbone

GridNet International

Roswell, Georgia

HISTORY

GridNet International was founded on August 15, 1995. It is a joint venture partnership, and limited liability corporation with LDDS/WorldCom as the majority holder and the senior GridNet executives in the minority.

GridNet was founded to augment existing WorldCom dedicated data services. The initial charter was to construct a network, based on WorldCom digital facilities that would be capable of supporting high-speed, ubiquitous dial access for both X.25 and IP traffic. The network went live in December 1995 with 60 local dial numbers in selected metropolitan areas. Nationwide 800 access continues to supplement the local dial coverage.

Between August and December, concurrent with the network infrastructure build out, key bilateral peering relationships were established with Sprint, MCI, ANS Communications and ESNet (among others). CIX membership was acquired and multiple DS-3 connections to MAE East, MAE West and the Pac Bell NAP were completed,

along with the construction of the primary NOC facility at the headquarters in Roswell, Georgia.

GridNet's target market has been business rather than residential customers with the initial Internet focus on supplying wholesale transport and national local access to existing ISPs. In this manner, a regional ISP could rapidly expand its coverage without fear of competition from its core backbone provider, the company says. Additionally, GridNet has cooperatively bid projects with customer ISPs to win opportunities that a small provider could not have accomplished alone.

To further encourage ISP participation, the MIS group at GridNet created a set of tools to facilitate the online registration of end users, provide daily detailed reporting and allow ISPs to have a real-time view of network status. qwikINFO, downloaded from a password protected FTP site, provides an ISP network administrator a graphic tool that allows the addition, deletion and change of users in a real-time fashion. Virtual NOC provides an ISP the ability to capture a snapshot of all network activity, includ-

ing all sessions currently in progress at any given time. Both tools are exclusive GridNet implementations and are available as options to ISP customers. These tools are Windows based, so generally no capital expense is required.

Expanding on the "carrier's carrier" theme, GridNet also has no direct sales channel. End users are acquired through ISP additions and traditional long distance reseller channels.

COMPANY DESCRIPTION

CEO: O.G. Greene

Stock Exchange Symbol: Privately held

Consumer Dial-Up Accounts: None

Business Dedicated Access Accounts: 250+
Annual Revenues From Internet

Related Operations: None

Total Pops: 333

Total Dial-Up Ports: 10,000

Number of Employees: 100+

Street Mailing Address: 1000 Holcomb

Woods Pkwy, Suite 342, Roswell, GA 30076

Voice Telephone: (770) 518-5320

Facsimile: (770) 998-9096

24 Hour NOC Telephone: (770) 518-5387

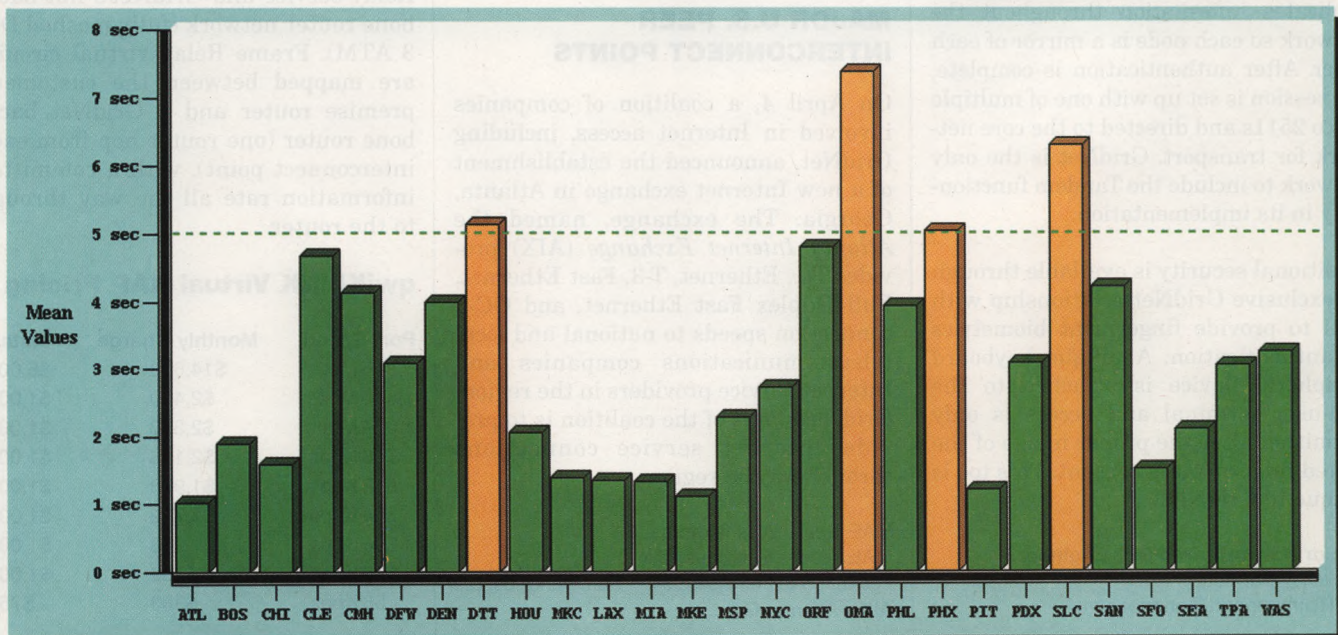
MailTo: support@gridnet.com

http://www.gridnet.com

GridNet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 70364

AVERAGE: 2.949 sec
DEVIATION: 19.418 sec



CURRENT BACKBONE ARCHITECTURE

The core GridNet backbone is comprised of Cisco 7000 series routers and StrataCom BPX ATM switches in six "Supernodes" meshed with not less than DS-3 level connectivity. The network is homogenous and exhibits all the redundancy characteristics outlined in industry ATM specifications. Additionally, all the connections of the 45 Mbps DS-3 backbone are dual. The Cisco routers are equipped with direct ATM interface (AIP) cards so the interconnection of hardware systems is accomplished in native mode.

Each Supernode also contains the Adaptive Access platform, a software defined and upgradeable system provided by 3Com/Primary Access. The platform incorporates both modem and channel bank functionality and is designed to accept X.25, IP and ISDN connections. As a call is initiated from any node, it is directed, through a Frame Relay connection, to the nearest Supernode where it is answered by the 3Com platform. Authentication and authorization is accomplished through a combination of mainframe and security server-based functionality termed *GridNet Network Access Control*. As a user enters the appropriate ID string and password, the security servers, Compaq Proliant 2500 series redundant processor servers running NT 4.0, research the secure database on a series of Tandem Himalaya K200 computers embedded in the network. The Tandems contain a relational database which replicates information throughout the network so each node is a mirror of each other. After authentication is complete, the session is set up with one of multiple Cisco 2511s and directed to the core network for transport. GridNet is the only network to include the Tandem functionality in its implementation.

Additional security is available through an exclusive GridNet relationship with NRI to provide fingerprint biometrics as authentication. A unique keyboard peripheral device is attached to the end-user terminal and access is only permitted after the proper image of the stored fingerprint is present. This too is unique to GridNet.

Senior Network Architect Engineer:

Mickey Bennett
MailTo:mbennett@gridnet.com

MAJOR U.S. BACKBONE CITIES

Atlanta, GA
Dallas, TX
Houston, TX
Los Angeles, CA
Miami, FL
Newark, NJ
New York, NY
San Francisco, CA
Washington, DC

MAJOR INTERNATIONAL BACKBONE CITIES

Sydney, Australia
Tokyo, Japan
Vienna, Austria
Howald, Luxembourg
Brussels, Belgium
Mexico City, Mexico
Toronto, Canada
Amsterdam, Netherlands
WATS, Canada
Auckland, New Zealand
Denmark, Copenhagen
Oslo, Norway
Helsinki, Finland
Lisbon, Portugal
In Country, Finland
Singapore
Paris, France
Johannesburg, South Africa
Frankfurt, Germany
Madrid, Spain
Hong Kong, China
Stockholm, Sweden
Dublin, Ireland
Bern, Switzerland
Tel Aviv, Israel
Taipei, Taiwan
Milan, Italy
London, United Kingdom

MAJOR U.S. PEER INTERCONNECT POINTS

On April 4, a coalition of companies involved in Internet access, including GridNet, announced the establishment of a new Internet exchange in Atlanta, Georgia. The exchange, named the *Atlanta Internet Exchange* (AIX) provides T-1, Ethernet, T-3, Fast Ethernet, Full Duplex Fast Ethernet, and OC-3 connection speeds to national and local telecommunications companies and Internet service providers in the region. GridNet's part of the coalition is to provide Internet service connections throughout the region.

MAE East - Washington, DC
MAE West - San Jose, CA
Pac Bell San Francisco NAP - San Francisco, CA
AIX - Atlanta, GA

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: Nancy Swartz
Position: Assistant Vice President, IP Sales
Voice: (770) 518-5322
Facimile: (770) 998-9096
MailTo: nswartz@gridnet.com
http: //www.gridnet.com

Person: Brian Martin
Position: Vice President, National Sales
Voice: (770) 518-5345
Facimile: (770) 998-9096
MailTo: bmartin@gridnet.com
http: //www.gridnet.com

Virtual NAP

GridNet's qwikLINK Virtual NAP provides high performance dedicated IP connections to the Internet. qwikLINK Virtual NAP is targeted toward corporations and ISPs who require guaranteed levels of high performance at a competitive price.

At the DS-3 level, qwikLINK Virtual NAP is based on ATM technology. GridNet's architecture allows ATM virtual circuits to be mapped directly between the customer's premise router and an Internet interconnect points, bypassing all of GridNet's backbone routers (zero router hops to the interconnect points) and guaranteeing bandwidth all the way to the interconnect points (no sharing of bandwidth).

At a DS-1 level or below, qwikLINK Virtual NAP is provided over Frame Relay service and GridNet's flat backbone router network (fully meshed DS-3 ATM). Frame Relay virtual circuits are mapped between the customer's premise router and a GridNet backbone router (one router hop from each interconnect point), with a committed information rate all the way through to the router.

qwikLINK Virtual NAP Pricing

Port Speed	Monthly Charge	Install
45 Mbps	\$14,600	\$6,000
1.544 Mbps	\$2,480	\$1,000
1.024 Mbps	\$2,370	\$1,000
768 Kbps	\$2,196	\$1,000
512 Kbps	\$1,908	\$1,000
384 Kbps	\$1,722	\$1,000
256 Kbps	\$1,243	\$1,000
128 Kbps	\$782	\$1,000
56 Kbps	\$363	\$750

qwikLINK Virtual NAP requires a one year service term. Term discounts of 5 percent for two years and 10 percent for three years apply to the monthly and installation charges. Local loop charges are not included in qwikLINK Virtual NAP prices. Allow 60 days for DS-3 level installations and 45 days for DS-1 level and below. See the POP List for availability.

Recommended equipment:

Cisco routers and Digital Link CSU/DSUs.

qwikLINK ISP

GridNet's qwikLINK ISP offers dial IP Internet access to ISPs for the resale of consumer Internet access services. The ISP is responsible for end-user fulfillment, client software, end-user technical support and customer service, billing, and accounts receivable.

Pricing: \$15 per customer annually, discounts are negotiated based on the number of customers and the length of the contract.

CONSUMER PRODUCTS

None.

GridNet POINTS OF PRESENCE

CITY	DIAL ACCESS	DEDICATED ACCESS	45 Mbps ATM	FRAME RELAY or LEASED LINE
Hackensack, NJ	NO	201-342-xxxx	Backhaul	Yes
Morristown, NJ	201-984-xxxx	201-623-xxxx	Yes	Yes
Newark, NJ	201-648-xxxx	201-623-xxxx	Yes	Yes
Washington, DC	202-289-xxxx	202-789-xxxx	Yes	Yes
New Haven, CT	203-781-xxxx	203-330-xxxx	Case Basis	Backhaul
Bridgeport, CT	NO	203-330-xxxx	Case Basis	Backhaul
Stamford, CT	203-358-xxxx	203-358-xxxx	Yes	Yes
Hartford, CT	860-418-xxxx	203-725-xxxx	Yes	Yes
Norwich, CT	860-892-xxxx	203-725-xxxx	Yes	Yes
Danbury, CT	NO	203-730-xxxx	Case Basis	Backhaul
Anniston, AL	NO	205-231-xxxx	Case Basis	Backhaul
Birmingham, AL	205-325-xxxx	205-251-xxxx	Backhaul	Yes
Montgomery, AL	NO	205-269-xxxx	Yes	Yes
Dothan, AL	NO	205-406-xxxx	Case Basis	Backhaul
Mobile, AL	NO	205-432-xxxx	Yes	Yes
Huntsville, AL	NO	205-532-xxxx	Backhaul	Yes
Seattle, WA	206-287-xxxx	206-621-xxxx	Backhaul	Yes
Tacoma, WA	206-460-xxxx	206-621-xxxx	Backhaul	Yes
Bangor, ME	NO	207-745-xxxx	Case Basis	Backhaul
Portland, ME	NO	207-772-xxxx	Case Basis	Backhaul
Boise, ID	NO	208-343-xxxx	Yes	Yes
Coeur D'alene, ID	NO	208-765-xxxx	Case Basis	Backhaul
Fresno, CA	209-456-xxxx	209-241-xxxx	Case Basis	Backhaul
Modesto, CA	209-574-xxxx	209-464-xxxx	Backhaul	Yes
Stockton, CA	209-460-xxxx	209-464-xxxx	Backhaul	Yes
San Antonio, TX	210-352-xxxx	210-225-xxxx	Backhaul	Yes
Brownsville, TX	NO	210-405-xxxx	Case Basis	Backhaul
New York, NY	212-267-xxxx	212-406-xxxx	Yes	Yes
Los Angeles, CA	213-623-xxxx	213-239-xxxx	Yes	Yes
Long Beach, CA	310-764-xxxx	213-537-xxxx	Backhaul	Yes
Compton, CA	NO	213-537-xxxx	Backhaul	Yes
Pasadena, CA	NO	213-681-xxxx	Case Basis	Backhaul
Richardson, TX	NO	214-234-xxxx	Backhaul	Yes
Longview, TX	NO	214-236-xxxx	Yes	Yes
Irving, TX	NO	214-438-xxxx	Backhaul	Yes
Dallas, TX	214-672-xxxx	214-748-xxxx	Yes	Yes
Texarkana, TX	NO	214-793-xxxx	Case Basis	Backhaul
Allentown, PA	610-797-xxxx	215-561-xxxx	Yes	Yes
Langhorne, PA	215-752-xxxx	215-561-xxxx	Yes	Yes
Philadelphia, PA	215-568-xxxx	215-561-xxxx	Yes	Yes

CITY	DIAL ACCESS	DEDICATED ACCESS	45 Mbps ATM	FRAME RELAY or LEASED LINE
Warren, OH	NO	216-395-xxxx	Case Basis	Backhaul
Akron, OH	330-253-xxxx	216-535-xxxx	Yes	Yes
Cleveland, OH	216-579-xxxx	216-579-xxxx	Yes	Yes
Hudson, OH	NO	216-653-xxxx	Case Basis	Backhaul
Youngstown, OH	NO	216-747-xxxx	Case Basis	Backhaul
Lorain, OH	NO	216-984-xxxx	Case Basis	Backhaul
Quincy, IL	NO	217-222-xxxx	Case Basis	Backhaul
Mattoon, IL	NO	217-258-xxxx	Case Basis	Backhaul
Champaign-Urbana, IL	217-351-xxxx	217-351-xxxx	Backhaul	No
Champaign, IL	NO	217-351-xxxx	Case Basis	Backhaul
Decatur, IL	NO	217-454-xxxx	Case Basis	Backhaul
Springfield, IL	NO	217-522-xxxx	Backhaul	Yes
Hibbing, MN	NO	218-262-xxxx	Case Basis	Backhaul
Fargo, ND	NO	218-299-xxxx	Case Basis	Backhaul
Grand Rapids, MN	NO	218-326-xxxx	Case Basis	Backhaul
Duluth, MN	NO	218-348-xxxx	Case Basis	Backhaul
Wadena, MN	NO	218-631-xxxx	Case Basis	Backhaul
Brainerd, MN	NO	218-636-xxxx	Case Basis	Backhaul
South Bend, IN	NO	219-234-xxxx	Yes	Yes
Elkhart, IN	NO	219-262-xxxx	Case Basis	Backhaul
Ft. Wayne, IN	NO	219-482-xxxx	Case Basis	Backhaul
Portage, IN	NO	219-763-xxxx	Case Basis	Backhaul
Frederick, MD	NO	301-662-xxxx	Case Basis	Backhaul
Baltimore, MD	410-332-xxxx	301-752-xxxx	Yes	Yes
Hagerstown, MD	NO	301-790-xxxx	Case Basis	Backhaul
Wilmington, DE	NO	302-571-xxxx	Backhaul	Yes
Boulder, CO	NO	303-413-xxxx	Yes	Yes
Denver, CO	303-820-xxxx	303-534-xxxx	Yes	Yes
Morgantown, WV	NO	304-292-xxxx	Case Basis	Backhaul
Bluefield, WV	NO	304-327-xxxx	Case Basis	Backhaul
Charleston, WV	NO	304-342-xxxx	Case Basis	Backhaul
Clarksburg, WV	NO	304-622-xxxx	Case Basis	Backhaul
Miami, FL	305-416-xxxx	305-324-xxxx	Yes	Yes
Ft. Lauderdale, FL	954-714-xxxx	305-486-xxxx	Yes	Yes
Casper, WY	NO	307-234-xxxx	Case Basis	Backhaul
Cheyenne, WY	NO	307-777-xxxx	Case Basis	Backhaul
Grand Island, NE	NO	308-382-xxxx	Case Basis	Backhaul
Galesburg, IL	NO	309-341-xxxx	Case Basis	Backhaul
Bloomington, IL	NO	309-436-xxxx	Backhaul	Yes
Peoria, IL	NO	309-676-xxxx	Case Basis	Backhaul
Chicago, IL	312-913-xxxx	312-294-xxxx	Yes	Yes
Flint, MI	NO	313-232-xxxx	Case Basis	Backhaul
Pontiac, MI	NO	313-253-xxxx	Case Basis	Backhaul
Ann Arbor, MI	NO	313-662-xxxx	Case Basis	Backhaul
Detroit, MI	313-963-xxxx	313-961-xxxx	Yes	Yes
Ofallon, IL	618-632-xxxx	314-421-xxxx	Yes	Yes
St. Louis, MO	314-621-xxxx	314-421-xxxx	Yes	Yes
Columbia, MO	NO	314-442-xxxx	Yes	Yes
Syracuse, NY	315-423-xxxx	315-471-xxxx	Backhaul	Yes
Utica, NY	315-731-xxxx	315-471-xxxx	Backhaul	Yes
Wichita, KS	NO	316-263-xxxx	Yes	Yes
Indianapolis, IN	317-974-xxxx	317-634-xxxx	Yes	Yes
Richmond, IN	NO	317-962-xxxx	Case Basis	Backhaul
Lafayette, LA	NO	318-234-xxxx	Case Basis	Backhaul
Monroe, LA	NO	318-322-xxxx	Case Basis	Backhaul
Shreveport, LA	NO	318-425-xxxx	Yes	Yes
Lake Charles, LA	NO	318-439-xxxx	Yes	Yes
Waterloo, IA	NO	319-234-xxxx	Case Basis	Backhaul
Davenport, IA	NO	319-323-xxxx	Yes	Yes
Iowa City, IA	NO	319-351-xxxx	Yes	Yes
Cedar Rapids, IA	NO	319-366-xxxx	Yes	Yes
Dubuque, IA	NO	319-556-xxxx	Case Basis	Backhaul
Providence, RI	401-553-xxxx	401-955-xxxx	Case Basis	Backhaul
Omaha, NE	NO	402-341-xxxx	Yes	Yes
Lincoln, NE	NO	402-475-xxxx	Case Basis	Backhaul
Norcross, GA	NO	404-242-xxxx	Case Basis	Backhaul
Hartwell, GA	NO	404-376-xxxx	Case Basis	Backhaul
Smyrna, GA	NO	404-435-xxxx	Yes	Yes
Atlanta, GA	404-529-xxxx	404-659-xxxx	Yes	Yes
Augusta, GA	NO	404-721-xxxx	Yes	Yes
Oklahoma City, OK	NO	405-239-xxxx	Yes	Yes
Billings, MT	NO	406-256-xxxx	Case Basis	Backhaul
Helena, MT	NO	406-442-xxxx	Case Basis	Backhaul

CITY	DIAL ACCESS	DEDICATED ACCESS	45 Mbps ATM	FRAME RELAY or LEASED LINE	CITY	DIAL ACCESS	DEDICATED ACCESS	45 Mbps ATM	FRAME RELAY or LEASED LINE
Stuart, FL	NO	407-286-xxxx	Yes	Yes	Gulfport, MS	NO	601-863-xxxx	Backhaul	Yes
Boca Raton, FL	NO	407-393-xxxx	Yes	Yes	Phoenix, AZ	602-234-xxxx	602-266-xxxx	Yes	Yes
Ft. Pierce, FL	NO	407-461-xxxx	Yes	Yes	Tucson, AZ	520-617-xxxx	602-617-xxxx	Backhaul	Yes
Vero Beach, FL	NO	407-569-xxxx	Yes	Yes	Manchester, NH	603-621-xxxx	603-669-xxxx	Case Basis	Backhaul
Cocoa, FL	NO	407-639-xxxx	Yes	Yes	Nashua, NH	NO	603-880-xxxx	Backhaul	Yes
Melbourne, FL	NO	407-768-xxxx	Yes	Yes	Sioux Falls, SD	NO	605-331-xxxx	Backhaul	Yes
West Palm Beach, FL	561-471-xxxx	407-833-xxxx	Yes	Yes	Lexington, KY	606-253-xxxx	606-258-xxxx	Case Basis	Backhaul
Orlando, FL	407-317-xxxx	407-849-xxxx	Yes	Yes	Binghamton, NY	607-771-xxxx	607-722-xxxx	Case Basis	Backhaul
Salinas, CA	408-753-xxxx	408-424-xxxx	Backhaul	Yes	Elmira, NY	NO	607-732-xxxx	Case Basis	Backhaul
San Jose, CA	408-577-xxxx	408-970-xxxx	Yes	Yes	Binghamton, NY	607-771-xxxx	607-771-xxxx	Case Basis	Backhaul
Santa Clara, CA	NO	408-970-xxxx	Yes	Yes	Corning, NY	NO	607-936-xxxx	Case Basis	Backhaul
Bryan, TX	NO	409-775-xxxx	Case Basis	Backhaul	Madison, WI	NO	608-251-xxxx	Case Basis	Backhaul
Beaumont, TX	NO	409-839-xxxx	Yes	Yes	Janesville, WI	NO	608-752-xxxx	Case Basis	Backhaul
Salisbury, MD	NO	410-546-xxxx	Case Basis	Backhaul	La Crosse, WI	NO	608-782-xxxx	Case Basis	Backhaul
Pittsburgh, PA	412-642-xxxx	412-261-xxxx	Yes	Yes	Pleasantville, NJ	NO	609-383-xxxx	Backhaul	Yes
Springfield, MA	413-750-xxxx	413-737-xxxx	Yes	Yes	Mercerville, OH	609-890-xxxx	609-890-xxxx	Yes	Yes
Oshkosh, WI	NO	414-231-xxxx	Case Basis	Backhaul	St. Cloud, MN	NO	612-251-xxxx	Case Basis	Backhaul
Milwaukee, WI	414-220-xxxx	414-273-xxxx	Backhaul	Yes	Monticello, MN	NO	612-295-xxxx	Case Basis	Backhaul
Green Bay, WI	NO	414-494-xxxx	Case Basis	Backhaul	Minneapolis, MN	612-336-xxxx	612-332-xxxx	Yes	Yes
Appleton, WI	NO	414-730-xxxx	Case Basis	Backhaul	Columbus, OH	614-229-xxxx	614-222-xxxx	Backhaul	Yes
San Francisco, CA	415-495-xxxx	415-243-xxxx	Yes	Yes	Nashville, TN	615-251-xxxx	615-256-xxxx	Yes	Yes
San Rafael, CA	415-472-xxxx	415-243-xxxx	Yes	Yes	Johnson City, TN	NO	615-282-xxxx	Case Basis	Backhaul
Santa Rosa, CA	707-570-xxxx	415-243-xxxx	Yes	Yes	Knoxville, TN	423-521-xxxx	615-524-xxxx	Backhaul	Yes
Palo Alto, CA	415-321-xxxx	415-321-xxxx	Case Basis	Backhaul	Chattanooga, TN	NO	615-756-xxxx	Yes	Yes
San Mateo, CA	415-286-xxxx	415-321-xxxx	Case Basis	Backhaul	Grand Rapids, MI	616-742-xxxx	616-241-xxxx	Case Basis	Backhaul
Concord, CA	510-688-xxxx	415-763-xxxx	Backhaul	Yes	Kalamazoo, MI	616-385-xxxx	616-385-xxxx	Case Basis	Backhaul
Oakland, CA	510-986-xxxx	415-763-xxxx	Backhaul	Yes	Battle Creek, MI	NO	616-962-xxxx	Case Basis	Backhaul
Joplin, MO	NO	417-623-xxxx	Yes	Yes	Boston, MA	617-367-xxxx	617-267-xxxx	Yes	Yes
Springfield, MO	NO	417-831-xxxx	Case Basis	Backhaul	Cambridge, MA	617-492-xxxx	617-267-xxxx	Yes	Yes
Lima, OH	NO	419-222-xxxx	Case Basis	Backhaul	Carbondale, IL	NO	618-453-xxxx	Case Basis	Backhaul
Toledo, OH	419-241-xxxx	419-241-xxxx	Yes	Yes	Lawrenceville, IL	NO	618-943-xxxx	Case Basis	Backhaul
Fostoria, OH	NO	419-435-xxxx	Case Basis	Backhaul	San Diego, CA	619-295-xxxx	619-293-xxxx	Backhaul	Yes
Milan, OH	NO	419-499-xxxx	Case Basis	Backhaul	Palm Springs, CA	NO	619-325-xxxx	Backhaul	Yes
Mansfield, OH	NO	419-522-xxxx	Case Basis	Backhaul	Bismark, ND	NO	701-222-xxxx	Case Basis	Backhaul
Little Rock, AR	NO	501-372-xxxx	Backhaul	Yes	Las Vegas, NV	702-380-xxxx	702-388-xxxx	Yes	Yes
Fayetteville, AR	NO	501-442-xxxx	Case Basis	Backhaul	Reno, NV	NO	702-786-xxxx	Backhaul	Yes
Pine Bluff, AR	NO	501-534-xxxx	Case Basis	Backhaul	Roanoke, VA	NO	703-342-xxxx	Case Basis	Backhaul
Ft. Smith, AR	NO	501-782-xxxx	Case Basis	Backhaul	Reston, VA	NO	703-391-xxxx	Backhaul	Yes
Paducah, KY	NO	502-441-xxxx	Case Basis	Backhaul	Harrisonburg, VA	NO	703-433-xxxx	Case Basis	Backhaul
Louisville, KY	502-560-xxxx	502-561-xxxx	Backhaul	Yes	Falls Church, VA	NO	703-536-xxxx	Case Basis	Backhaul
Rogers, AR	NO	502-631-xxxx	Case Basis	Backhaul	Centerville, VA	NO	703-631-xxxx	Case Basis	Backhaul
Owensboro, KY	NO	502-683-xxxx	Case Basis	Backhaul	Culpeper, VA	NO	703-825-xxxx	Backhaul	Yes
Bowling Green, KY	NO	502-745-xxxx	Case Basis	Backhaul	Edinburg, VA	NO	703-984-xxxx	Case Basis	Backhaul
Portland, OR	503-226-xxxx	503-228-xxxx	Yes	Yes	Troutville, VA	NO	703-992-xxxx	Case Basis	Backhaul
Eugene, OR	NO	503-484-xxxx	Case Basis	Backhaul	Lexington, NC	NO	704-242-xxxx	Case Basis	Backhaul
Corvallis, OR	NO	503-758-xxxx	Case Basis	Backhaul	Asheville, NC	NO	704-251-xxxx	Case Basis	Backhaul
Medford, OR	NO	503-779-xxxx	Case Basis	Backhaul	Charlotte, NC	704-347-xxxx	704-377-xxxx	Backhaul	Yes
Baton Rouge, LA	NO	504-334-xxxx	Yes	Yes	Salisbury, NC	NO	704-633-xxxx	Case Basis	Backhaul
New Orleans, LA	504-586-xxxx	504-528-xxxx	Yes	Yes	Concord, NC	NO	704-782-xxxx	Case Basis	Backhaul
Albuquerque, NM	505-767-xxxx	505-247-xxxx	Case Basis	Backhaul	Columbus, GA	NO	706-323-xxxx	Case Basis	Backhaul
Rochester, MN	NO	507-288-xxxx	Case Basis	Backhaul	Athens, GA	NO	706-353-xxxx	Case Basis	Backhaul
Winona, MN	NO	507-452-xxxx	Case Basis	Backhaul	Hinsdale, IL	NO	708-323-xxxx	Backhaul	Yes
Framingham, MA	508-766-xxxx	508-370-xxxx	Yes	Yes	Northbrook, IL	NO	708-480-xxxx	Backhaul	Yes
Worcester, MA	508-421-xxxx	508-370-xxxx	Yes	Yes	Sioux City, IA	NO	712-255-xxxx	Case Basis	Backhaul
Lawrence, MA	508-557-xxxx	508-451-xxxx	Case Basis	Backhaul	Storm Lake, IA	NO	712-732-xxxx	Case Basis	Backhaul
Yakima, WA	NO	509-453-xxxx	Case Basis	Backhaul	Westheimer, TX	NO	713-235-xxxx	Backhaul	Yes
Spokane, WA	NO	509-747-xxxx	Case Basis	Backhaul	Dairy Ashford, TX	NO	713-293-xxxx	Case Basis	Backhaul
Harlingen, TX	NO	512-421-xxxx	Backhaul	Yes	Greenspoint, TX	NO	713-423-xxxx	Case Basis	Backhaul
Austin, TX	512-416-xxxx	512-475-xxxx	Backhaul	Yes	Houston, TX	713-609-xxxx	713-652-xxxx	Yes	Yes
McAllen, TX	NO	512-687-xxxx	Backhaul	Yes	Anaheim, CA	714-490-xxxx	714-490-xxxx	Backhaul	Yes
Corpus Christi, TX	NO	512-887-xxxx	Backhaul	Yes	Santa Ana, CA	714-285-xxxx	714-667-xxxx	Backhaul	Yes
Dayton, OH	513-223-xxxx	513-223-xxxx	Case Basis	Backhaul	Rialto, CA	NO	714-820-xxxx	Backhaul	Yes
Springfield, OH	NO	513-325-xxxx	Case Basis	Backhaul	Covina, CA	818-967-xxxx	714-983-xxxx	Backhaul	Yes
Cincinnati, OH	513-381-xxxx	513-721-xxxx	Backhaul	Yes	Ontario, CA	NO	714-983-xxxx	Backhaul	Yes
Des Moines, IA	NO	515-243-xxxx	Yes	Yes	Eau Claire, WI	NO	715-832-xxxx	Case Basis	Backhaul
Ft. Dodge, IA	NO	515-955-xxxx	Case Basis	Backhaul	Rochester, NY	716-255-xxxx	716-262-xxxx	Backhaul	Yes
Garden City, NY	516-832-xxxx	516-222-xxxx	Case Basis	Backhaul	Buffalo, NY	716-843-xxxx	716-847-xxxx	Backhaul	Yes
Lansing, MI	517-371-xxxx	517-371-xxxx	Case Basis	Backhaul	Harrisburg, PA	717-234-xxxx	717-233-xxxx	Case Basis	Backhaul
Midland, MI	NO	517-631-xxxx	Case Basis	Backhaul	Scranton, PA	717-963-xxxx	717-341-xxxx	Case Basis	Backhaul
Bay City, MI	NO	517-667-xxxx	Case Basis	Backhaul	Hallstead, PA	NO	717-879-xxxx	Case Basis	Backhaul
Saginaw, MI	NO	517-771-xxxx	Case Basis	Backhaul	Colorado Springs, CO	NO	719-577-xxxx	Case Basis	Backhaul
Jackson, MI	NO	517-783-xxxx	Case Basis	Backhaul	Salt Lake City, UT	801-237-xxxx	801-596-xxxx	Yes	Yes
Albany, NY	518-445-xxxx	518-449-xxxx	Backhaul	Yes	Burlington, VT	NO	802-657-xxxx	Case Basis	Backhaul
Jackson, MS	601-354-xxxx	601-352-xxxx	Case Basis	Backhaul	Greenville, SC	NO	803-235-xxxx	Backhaul	Yes

CITY	DIAL ACCESS	DEDICATED ACCESS	45 Mbps ATM	FRAME RELAY or LEASED LINE
Rock Hill, SC	NO	803-324-xxxx	Case Basis	Backhaul
Myrtle Beach, SC	NO	803-448-xxxx	Case Basis	Backhaul
Spartenburg, SC	NO	803-542-xxxx	Case Basis	Backhaul
Florence, SC	NO	803-665-xxxx	Backhaul	Yes
Charleston, SC	NO	803-722-xxxx	Case Basis	Backhaul
Columbia, SC	NO	803-799-xxxx	Yes	Yes
Richmond, VA	804-674-xxxx	804-233-xxxx	Yes	Yes
Charlottesville, VA	NO	804-295-xxxx	Case Basis	Backhaul
Lynchburg, VA	NO	804-522-xxxx	Backhaul	Yes
Norfolk, VA	804-625-xxxx	804-625-xxxx	Backhaul	Yes
Danville, VA	NO	804-793-xxxx	Case Basis	Backhaul
Hampton, VA	NO	804-838-xxxx	Case Basis	Backhaul
Bakersfield, CA	805-323-xxxx	805-327-xxxx	Case Basis	Backhaul
Santa Barbara, CA	805-965-xxxx	805-965-xxxx	Backhaul	Yes
Amarillo, TX	NO	806-373-xxxx	Case Basis	Backhaul
Lubbock, TX	NO	806-762-xxxx	Case Basis	Backhaul
Terre Haute, IN	NO	812-231-xxxx	Case Basis	Backhaul
Bloomington, IN	NO	812-332-xxxx	Case Basis	Backhaul
Evansville, IN	NO	812-423-xxxx	Yes	Yes
Tampa, FL	813-307-xxxx	813-248-xxxx	Yes	Yes
Ft. Meyers, FL	941-939-xxxx	813-337-xxxx	Case Basis	Backhaul
Feathersound, FL	NO	813-556-xxxx	Backhaul	Yes
Lakeland, FL	NO	813-666-xxxx	Yes	Yes
Sarasota, FL	NO	813-951-xxxx	Case Basis	Backhaul
Erie, PA	NO	814-455-xxxx	Case Basis	Backhaul
Altoona, PA	NO	814-942-xxxx	Case Basis	Backhaul
Dekalb, IL	NO	815-753-xxxx	Case Basis	Backhaul
Rockford, IL	815-963-xxxx	815-963-xxxx	Case Basis	Backhaul
Kansas City, MO	816-843-xxxx	816-283-xxxx	Yes	Yes
Ft. Worth, TX	NO	817-332-xxxx	Backhaul	Yes
Waco, TX	NO	817-755-xxxx	Case Basis	Backhaul
Wichita Falls, TX	NO	817-766-xxxx	Case Basis	Backhaul
Northridge, CA	818-349-xxxx	818-906-xxxx	Backhaul	Yes
Sherman Oaks, CA	NO	818-906-xxxx	Backhaul	Yes
Memphis, TN	901-320-xxxx	901-579-xxxx	Backhaul	Yes
Tallahassee, FL	NO	904-222-xxxx	Yes	Yes
Daytona Beach, FL	NO	904-258-xxxx	Yes	Yes
Lynn Haven, FL	NO	904-265-xxxx	Case Basis	Backhaul
Gainesville, FL	NO	904-316-xxxx	Yes	Yes
Jacksonville, FL	904-798-xxxx	904-355-xxxx	Yes	Yes
Pensacola, FL	NO	904-455-xxxx	Backhaul	Yes
Panama City, FL	NO	904-522-xxxx	Case Basis	Backhaul
St. Augustine, FL	NO	904-829-xxxx	Yes	Yes
Ft. Walton Beach, FL	NO	904-897-xxxx	Case Basis	Backhaul
Iron Mountain, MI	NO	906-774-xxxx	Case Basis	Backhaul
New Brunswick, NJ	908-846-xxxx	908-828-xxxx	Backhaul	Yes
Savannah, GA	NO	912-234-xxxx	Yes	Yes
Albany, GA	NO	912-431-xxxx	Yes	Yes
Macon, GA	NO	912-474-xxxx	Yes	Yes
Topeka, KS	NO	913-232-xxxx	Yes	Yes
Poughkeepsie, NY	914-486-xxxx	914-485-xxxx	Backhaul	Yes
White Plains, NY	914-682-xxxx	914-683-xxxx	Yes	Yes
Midland, TX	NO	915-221-xxxx	Case Basis	Backhaul
El Paso, TX	NO	915-533-xxxx	Backhaul	Yes
San Angelo, TX	NO	915-658-xxxx	Case Basis	Backhaul
Abilene, TX	NO	915-675-xxxx	Case Basis	Backhaul
Redding, CA	NO	916-241-xxxx	Backhaul	Yes
Chico, CA	NO	916-343-xxxx	Case Basis	Backhaul
Sacramento, CA	916-551-xxxx	916-444-xxxx	Backhaul	Yes
Tulsa, OK	918-560-xxxx	918-587-xxxx	Yes	Yes
Burlington, NC	NO	919-222-xxxx	Case Basis	Backhaul
Wilmington, NC	NO	919-251-xxxx	Case Basis	Backhaul
Laurinburg, NC	NO	919-276-xxxx	Case Basis	Backhaul
Durham, NC	NO	919-361-xxxx	Backhaul	Yes
Greensboro, NC	910-373-xxxx	919-378-xxxx	Backhaul	Yes
Rocky Mount, NC	NO	919-442-xxxx	Backhaul	Yes
Fayetteville, NC	NO	919-485-xxxx	Backhaul	Yes
Winston Salem, NC	NO	919-650-xxxx	Case Basis	Backhaul
Sanford, NC	NO	919-774-xxxx	Case Basis	Backhaul
Highpoint, NC	NO	919-841-xxxx	Case Basis	Backhaul
Raleigh, NC	919-871-xxxx	919-850-xxxx	Yes	Yes
Chapel Hill, NC	NO	919-929-xxxx	Case Basis	Backhaul

FUTURE EXPANSION PLANS

The company plans to expand into the following international cities:

Melbourne, Australia	Barcelona, Spain
Osaka, Japan	Hamburg, Germany
San Paulo, Brazil	Lausanne, Switzerland
Seoul, Korea	Athens, Greece
Santiago, Chile	Zurich, Switzerland
Kuala Lumpur, Malaysia	Jakarta, Indonesia
Berlin, Germany	Bangkok, Thailand
Manila, Philippines	Rome, Italy
Dusseldorf, Germany	

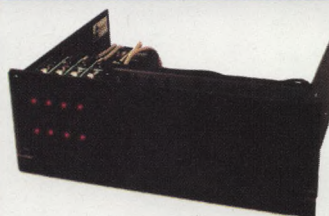
GridNet's qwikLINK Dedicated product platform is currently being deployed. Published pricing will be available upon the product release.

GridNet's qwikLINK Dedicated product will provide leased-line connections into GridNet's backbone network. qwikLINK Dedicated will be targeted toward business customers who require economical dedicated access to the Internet. Initially, the product will support leased line access from 56 Kbps to 1.544 Mbps. Higher speed access services will be available at a later date.

ISDN access is also planned for 1997.



Organize 16 Modems in Only 7" of Rack Space



End cable clutter and save space for your existing or new external modems with the X-16 Modem Rack

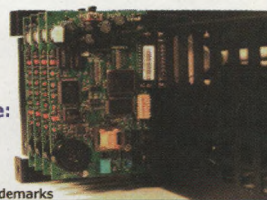
- Accommodates USRobotics® Sportster® external fax modems and Cardinal® external fax modems
- Smoked Lexan® cover allows viewing of all status LED's
- Provides connections for original AC adapters supplied with modems, 110 VAC power cord included
- Sturdy anodized aluminum riveted construction - Made in USA
- Optional fan assembly for efficient cooling
- Optional 50 pin Telco cables to RJ-11 adapter for simplified phone line connections

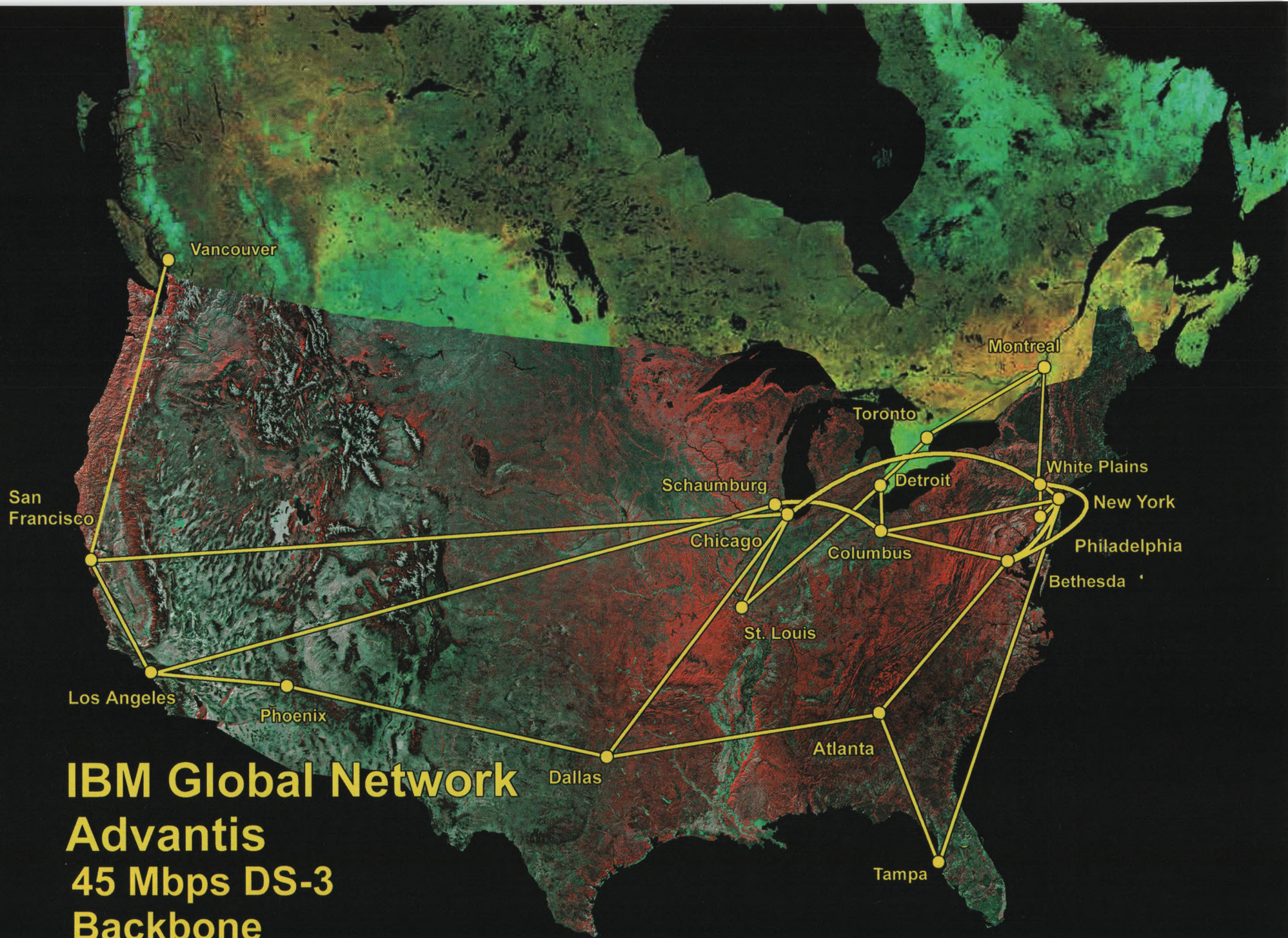
Micro Technology Services, Inc.

**1819 Firman Dr. Suite 137
Richardson, Texas 75081**

**For complete details, see our web site:
www.mitsi.com/modem.pl
(888) 230-MTSI Toll Free**

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IBM Global Network

White Plains,
New York

HISTORY

IBM has played a significant role in the explosive growth of the Internet. Beginning in 1988, it was the key provider of packet switching technology for the National Science Foundation's NSFnet, a wide-area network that provided the "backbone" for the U.S. portion of the Internet. IBM provided the router technology for this original Internet backbone.

IBM Global Network today has 61 high-speed nodes outside the United States. Advantis, the U.S. provider of the IBM Global Network, operates a 15-node T-3 backbone within the continental U.S. The IBM Global Network connects to the Internet on most continents in most major countries, providing dial access for Internet services in more than 800 cities in 50 countries. Dial services are available in an additional 150 cities.

COMPANY DESCRIPTION

CEO: Lou Gerstner, CEO / John Whiteside, General Manager, IBM Global Network Services

NYSE: IBM

Consumer subscribers: None

Business accounts: 30,000+ commercial

enterprises in 850 cities in 100 countries worldwide

Revenues: \$75.9 billion (1996)

Earnings: \$5.9 billion (1996)

Total POPs: 830

Employees: 7,000 worldwide dedicated to IBM Global Network

Office location: Somers, NY

Voice: (800) 455-5056

International: (813) 878-3000

Facsimile: (813) 878-5632

24 hour network help desk: (800) 727-2222

Consumer 24-hour network operations center: (800) 821-4612

Corporate 24-hour network operations center: (800) 556-3744

MailTo: globalnetwork@info.ibm.com

http://www.ibm.com/globalnetwork

http://www.ibm.net

CURRENT BACKBONE ARCHITECTURE

The core backbone consists of links running at 45 Mbps (T-3) over fiber optic cable. Switching technology uses IBM Nways Frame Relay and will be upgraded to ATM switches that will allow data, voice and video information to be transported over the Advantis network.

The physical backbone is designed to enable Advantis to support existing internetworking and multiprotocol for

LANs, SNA connections, and in the future ATM capability and services.

Senior Network Architect

Engineer: Joan Corley

MailTo: Unknown

BACKBONE CITIES

In Asia and the Pacific nine backbone hub cities have been implemented:

Sydney, Australia
Hong Kong
Jakarta, Indonesia
Kawasaki, Japan
Kuala-Lumpur, Malaysia
Manila, Philippines
Taipei, Taiwan
Auckland, New Zealand
Wellington, New Zealand

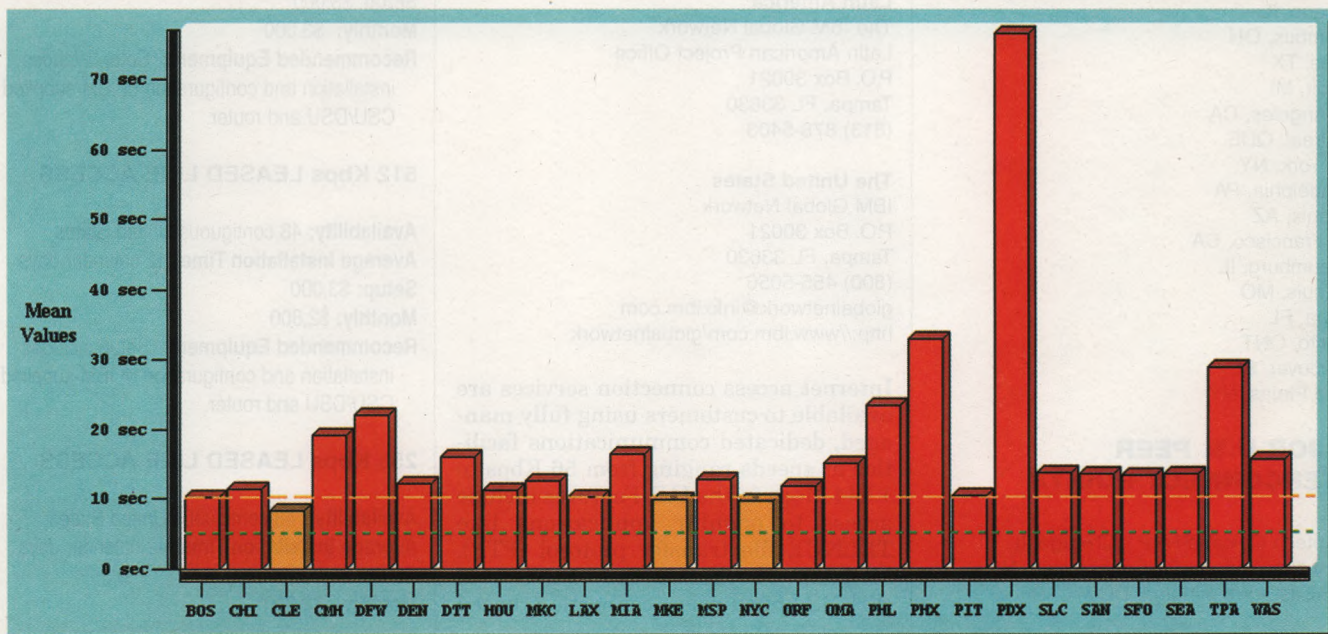
In Europe, the Middle East, and Africa IBM has established 38 major backbone hubs in 34 cities:

Vienna, Austria
Diegem, Belgium
La Hulpe, Belgium
Brno, Czechia
Prague, Czechia
Copenhagen, Denmark
Helsinki, Finland
Paris, France
Berlin, Germany

IBM Global Net

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 57459

AVERAGE: 17.394 sec
DEVIATION: 52.624 sec



Dusseldorf, Germany
 Ehningen, Germany
 Hamburg, Germany
 Mainz, Germany
 Munich, Germany
 Athens, Greece
 Budapest, Hungary
 Milan, Italy
 Haifa, Israel
 Tel-Aviv, Israel
 Oslo, Norway
 Uithoorn, Netherlands
 Zoetermeer, Netherlands
 Moscow, Russia
 St. Petersburg, Russia
 Bratislava, Slovakia
 Ljubljana, Slovenia
 Stockholm, Sweden
 Kloten, Switzerland
 Winterthur, Switzerland
 Madrid, Spain
 Edinburgh, United Kingdom
 London, United Kingdom
 Portsmouth, United Kingdom
 Warwick, United Kingdom

In Latin America IBM Global Network has established hubs in nine cities:

Fortaleza, Brazil
 Rio de Janeiro, Brazil
 Sao Paulo, Brazil
 Salvador, Brazil
 Bogota, Columbia
 Santiago, Chile
 Mexico City, Mexico
 Lima, Peru
 Caracas, Venezuela

The North American portion of the IBM Global Network contains 18 major backbone hubs with three hubs in Canada. Internet T-3 node cities:

Atlanta, GA
 Bethesda, MD
 Chicago, IL
 Columbus, OH
 Dallas, TX
 Detroit, MI
 Los Angeles, CA
 Montreal, QUE
 New York, NY
 Philadelphia, PA
 Phoenix, AZ
 San Francisco, CA
 Schaumburg, IL
 St. Louis, MO
 Tampa, FL
 Toronto, ONT
 Vancouver, BC
 White Plains, NY

MAJOR U.S. PEER INTERCONNECT POINTS

Ameritech Chicago NAP - Chicago, IL
 Sprint New York NAP - Pennsauken, NJ
 MAE East - Washington, DC

MAE West - San Jose, CA
 CIX - Palo Alto, CA

MAJOR INTERNATIONAL PEER INTERCONNECT POINTS

LINK - London, UK
 BNIX - Brussels, Belgium
 AMS IX - Amsterdam, The Netherlands
 MFS Frankfurt Exchange - Frankfurt, Germany
 DGIX - Stockholm, Sweden
 GIX - Paris, France
 HKIX - Hong Kong, China
 NZIX - Hamilton, New Zealand
 Vienna NAP - Vienna, Austria
 IIX - Herzlia, Israel

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Asia Pacific

The IBM Global Network
 3-2-12 Roppongi
 Minato-ku, Tokyo 106, Japan
 81-3-3586-1111
 81-3-5572-2458 (FAX)
 Internet: jpibmv8k@ibmmail.com

Canada

The IBM Global Network
 3500 Steeles Avenue E.
 Markham, Ontario L3R 2Z1
 Canada
 (800) 426-2255

Europe/Middle East/Africa

The IBM Global Network
 Dept. 8625, Tour Descartes
 92066 Paris La Defense
 France
 33 (1) 41 88 68 79
 33 (1) 41 88 51 48 (FAX)

Latin America

The IBM Global Network
 Latin American Project Office
 P.O. Box 30021
 Tampa, FL 33630
 (813) 878-5403

The United States

IBM Global Network
 P.O. Box 30021
 Tampa, FL 33630
 (800) 455-5056
 globalnetwork@info.ibm.com
 http://www.ibm.com/globalnetwork

Internet access connection services are available to customers using fully managed, dedicated communications facilities at speeds ranging from 56 Kbps to 1.544 Mbps in the U.S. Features include access to popular applications like TELNET, file transfer protocol (FTP), MOSAIC, Gopher, Archie PING and WHOIS; fixed-price connection based

on line speed and includes required customer premise equipment and telephone circuit; full-function connectivity to the Internet; secure access through existing internetworking and multiprotocol services; Internet application, security and support services. Higher speed services are available on special request. Domain name services; multiple security options and news, mail and other capabilities are available as optional services.

IBM began offering Internet leased-line services on April 1, 1995 in the United States and made them available in other nations throughout the year.

The IBM Global Network has more than 30,000 customer enterprises supporting more than two million users and access to networking services in 850 locations in more than 100 countries. The network offers a spectrum of services designed to meet customers' networking requirements for data, voice and video.

IBM Global Network provides dedicated leased-line connections in the 48 contiguous states at the prices below. Access is available from Hawaii, Alaska, and Puerto Rico on a special request basis. Additionally, the company offers 64 Kbps leased-line connections outside of the United States. Connections at speeds greater than 1.544 Mbps are available by special request.

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: 48 contiguous United States
Average Installation Time: 42 calendar days
Setup: \$3,000
Monthly: \$3,000
Recommended Equipment: Setup includes installation and configuration of IBM-supplied CSU/DSU and router.

512 Kbps LEASED LINE ACCESS

Availability: 48 contiguous United States
Average Installation Time: 42 calendar days
Setup: \$3,000
Monthly: \$2,800
Recommended Equipment: Setup includes installation and configuration of IBM-supplied CSU/DSU and router.

256 Kbps LEASED LINE ACCESS

Availability: 48 contiguous United States
Average Installation Time: 42 calendar days
Setup: \$3,000
Monthly: \$2,300

Recommended Equipment: Setup includes installation and configuration of IBM-supplied CSU/DSU and router.

128 Kbps LEASED LINE ACCESS

Availability: 48 contiguous United States
Average Installation Time: 42 calendar days
Setup: 3,000
Monthly: \$2,000
Recommended Equipment: Setup includes installation and configuration of IBM-supplied CSU/DSU and router.

56 Kbps LEASED LINE ACCESS

Availability: 48 contiguous United States
Average Installation Time: 42 calendar days
Setup: \$2,000
Monthly: \$1,000
Recommended Equipment: Setup includes installation and configuration of IBM-supplied CSU/DSU and router.

WEB HOSTING

IBM provides a standard package of web hosting services. The company provides hardware, space, and software platform to host a customer's content, an initial allocation of 100 MB of storage with an additional charge for increased storage in 30 MB increments. The storage allocation incorporates a staging area for testing prior to making content available for access by external users. Leased-line and dial connectivity for content maintenance are priced separately.

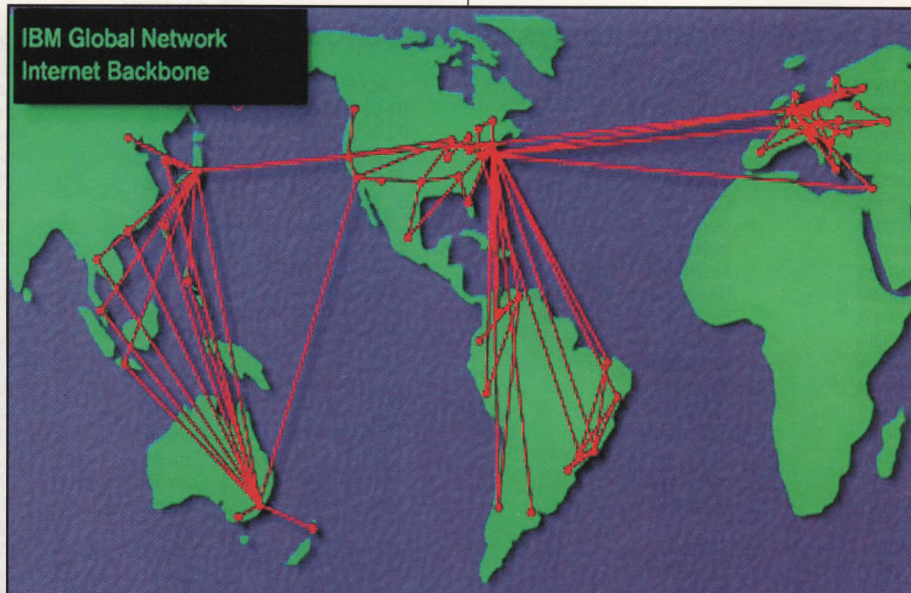
Setup: \$1,200
Monthly: 5,000 hits - \$785
 10,000 hits - \$1,045
 20,000 hits - \$1,495
 50,000 hits - \$2,295
 100,000 hits - \$3,295

CONSUMER PRODUCTS

U.S. customers can sign up for the service by dialing **(800) 933-3997**.

33.3 Kbps DIAL-UP CONNECTIONS

Product: IBM Internet Connection - Comprehensive Level
Availability: See IBM POP List
Average Installation Time: Immediate
Setup: No charge
Monthly: \$19.95
Hours Included: Unlimited
Additional Hours: N/A
Toll Free 800 Access: \$6 surcharge
Recommended Equipment: Any V.34 modem



Product: IBM Internet Connection - Entry Level
Availability: See IBM POP List
Average Installation Time: Immediate
Setup: No charge
Monthly: \$4.95
Hours Included: 3
Additional Hours: \$1.95
Toll Free 800 Access: \$6 surcharge
Recommended Equipment: Any V.34 modem

Prices listed are for U.S. locations only. Prices vary in other countries and are charged in local currencies.

ONLINE REGISTRATION

Following is a list of local dial numbers for online registration for the IBM Global Network in each country.

Argentina	319-7201
Australia	1800-811-094
Austria	0660-6832
Belgium	0800-1-1997
Brazil	0800-11-5221
Bulgaria	0031 297 532050
Canada	(800) 463-8331
Colombia (inside Bogota)	571-6167555
Colombia (outside Bogota)	9800-17555
Curacao N.A.	368-039
Cyprus	080-91027
Czech Republic	0031-297-532050
Denmark	8001-8278
Ecuador	565-090
Finland	0800-114465
France	0590-8561
France	0800-908561 (after Oct. 18)
Germany	0130-821202
Greece	00800-4412-2357

Hong Kong	2515-2434
Hungary	0031-297-532050
Ireland	1-800-709-905
Indonesia Bandung	022-707929
Indonesia Bandung	022-707939
Indonesia Jakarta	021-5227070
Indonesia Jakarta	021-3507070
Indonesia Jakarta	021-8577070
Indonesia Medan	061-547070
Indonesia Surabaya	031-5474213
Indonesia Surabaya	031-5474214
Indonesia Surabaya	031-5474215
Italy	1678-72031
Israel	177-440-6299
Japan	0120-120-208
Luxembourg	0800-2943
Malaysia	7054500
Mexico City	52(5) 627 2444
Netherlands	060-228488
New Zealand	0800-105765
Norway	800-11783
Pakistan	0-800-426-73
Peru manual	(511) 349-0050 Ext. 1760
Philippines	(632) 8436917
Philippines	(632) 8436918
Portugal	(0505) 446071
Slovak Republic	0031-297-532050
Slovenia	0031-60-228-488
South Africa	0800-998128
Spain	900-994443
Sweden	020-795181
Switzerland	0800-559222
Taiwan	7789762
Thailand	001-61-2-9894-5166
Turkey	00800-44914835
United Kingdom	0800-614012
US	(800) 933-3997

IBM INTERNATIONAL POINTS OF PRESENCE

COUNTRY	CITY	ACCESS
Argentina	Buenos Aires	01-9319-7390
Australia	Adelaide	08-8357-8794
Australia	Ballarat	03-5330-2915
Australia	Brisbane	07-3832-9188
Australia	Canberra	06-9273-5269
Australia	Darwin	08-8981-6368
Australia	Hobart	03-6224-4384
Australia	Melbourne	03-9690-3300
Australia	Newcastle	04-9926-2348
Australia	Perth	09-9481-2563
Australia	Sydney	02-9899-3399
Australia	Wangaratta	03-5721-3034
Australia	Wollongong	04-9229-4893
Austria	Bregenz	05-5744-3875
Austria	Eisenstadt	02682-72250
Austria	Graz	0316-964086
Austria	Innsbruck	0512-579549
Austria	Klagenfurt	0463-511924
Austria	Linz	0732-773551
Austria	Salzburg	0662-830366
Austria	St. Poelten	02742-71720
Austria	Vienna	1-2162610
Austria	Vienna	1-2144020
Belgium	Aalst	053-782343
Belgium	Antwerpen	03-2486565
Belgium	Antwerpen	03-2309998
Belgium	Bergen	065-353182
Belgium	Brugge	050-348547
Belgium	Brussels	02-7209291
Belgium	Charleroi	071-307198
Belgium	Charleroi	071-470819
Belgium	Courtrai	056-374814
Belgium	Dendermonde	052-217236
Belgium	Diest	013-327438
Belgium	Gent	09-2210674
Belgium	Gent	09-2534194
Belgium	Hasselt	011-242974
Belgium	Hasselt	011-285775
Belgium	Herentals	014-232003
Belgium	Kortrijk	056-256493
Belgium	Kortrijk	056-374814
Belgium	Leuven	016-233076
Belgium	Libramont	061-223895
Belgium	Liege	04-3672686
Belgium	Liege	04-2534560
Belgium	Luik	04-2534560
Belgium	Mechelen	015-202277
Belgium	Mons	065-353182
Belgium	Namen	081-261426
Belgium	Namur	081-261426
Belgium	Nijvel	067-841397
Belgium	Nijvelles	067-841397
Belgium	Oostende	059-332097
Belgium	Roeselare	051-248023
Belgium	Verviers	087-310066
Belgium	Waver	010-413673
Belgium	Wavre	010-413673
Brazil	Belo Horizonte	274-5151
Brazil	Fortaleza	255-0505
Brazil	Rio de Janeiro	516-2020
Brazil	Salvador	353-4466
Brazil	Sao Paulo	870-5757
Brazil	Sao Paulo	885-7799
Bulgaria	Sofia	02-71463094
Canada	Calgary, Alberta	(403) 290-5651
Canada	Edmonton, Alberta	(403) 917-4451
Canada	Red Deer, Alberta	(403) 309-1201
Canada	Chilliwack, British Columbia	(250) 702-2201
Canada	Kamloops, British Columbia	(250) 314-2901
Canada	Kelowna, British Columbia	(250) 717-5551
Canada	Vancouver, British Columbia	(604) 602-2401
Canada	Victoria, British Columbia	(250) 995-3751
Canada	Winnipeg, Manitoba	(204) 934-6301
Canada	Fredericton, New Brunswick	(506) 443-0921
Canada	Moncton, New Brunswick	(506) 863-1281
Canada	Saint John, New Brunswick	(506) 658-3581

COUNTRY	CITY	ACCESS
Canada	St. John's, Newfoundland	(709) 570-8801
Canada	Halifax, Nova Scotia	(902) 493-1321
Canada	Acton-Guelph, Ontario	(519) 853-6001
Canada	Barrie, Ontario	(705) 720-6501
Canada	Belleville, Ontario	(613) 966-2171
Canada	Brantford, Ontario	(519) 751-6471
Canada	Chatham, Ontario	(519) 358-2271
Canada	Hamilton, Ontario	(905) 540-2551
Canada	Kingston, Ontario	(613) 540-5681
Canada	Kitchener-Waterloo, Ontario	(519) 885-8001
Canada	London, Ontario	(519) 640-8401
Canada	Newmarket, Ontario	(905) 953-4271
Canada	Oshawa, Ontario	(905) 404-6801
Canada	Ottawa Hull, Ontario	(613) 788-0706
Canada	Peterborough, Ontario	(705) 876-5801
Canada	Sarnia, Ontario	(519) 383-3727
Canada	Sault Ste Marie, Ontario	(705) 946-7871
Canada	St. Catharines, Ontario	(905) 704-7771
Canada	Sudbury, Ontario	(705) 669-3971
Canada	Thunder Bay, Ontario	(807) 626-1481
Canada	Toronto, Ontario	(416) 758-5871
Canada	Windsor, Ontario	(519) 972-4541
Canada	Charlottetown, Prince Edward Island	(902) 629-4659
Canada	Bromont, Quebec	(514) 534-7971
Canada	Chicoutimi, Quebec	(418) 541-4801
Canada	Montreal, Quebec	(514) 846-7171
Canada	Quebec City, Quebec	(418) 525-3101
Canada	Sherbrooke, Quebec	(819) 573-4701
Canada	Trois Rivières, Quebec	(819) 371-7101
Canada	Regina, Saskatchewan	(306) 566-7501
Canada	Saskatoon, Saskatchewan	(306) 668-0901
Canada	800 (surcharge)	(800) 250-6333
Chile	Santiago	02-2351132
Chile	nationwide	02-2363750
Chile	nationwide	02-2006555
Colombia	Barranquilla	05-3689948
Colombia	Bogota	01-6350866
Colombia	Bogota	01-6353077
Colombia	Cali	02-6610648
Colombia	Medellin	04-3123848
Croatia	Zagreb	01-6119660
Cyprus	Nicosia	2-1601
Czech Republic	Brno	05-43215495
Czech Republic	Ceske	038-28643
Czech Republic	Hradec	049-617205
Czech Republic	Karlovy	017-3221512
Czech Republic	Olomouc	068-91232
Czech Republic	Ostrava	069-51556
Czech Republic	Plzen	019-7235659
Czech Republic	Prague	02-67106408
Czech Republic	Usti	047-5200935
Czech Republic	Zlin	067-31512
Denmark	Aarhus	8610-0010
Denmark	Copenhagen	4593-4290
Ecuador	Quito	02-528033
Ecuador	Quito	02-565066
Finland	Helsinki	09-4587100
France	Bordeaux	05-56699725
France	Bordeaux	05-56509404
France	Lille	03-20240448
France	Lyon	04-78336373
France	Marseille	04-91220725
France	Marseille	04-91770356
France	Montpellier	04-67223425
France	Nantes	02-40471963
France	Nantes	02-40485029
France	Nice	04-92110202
France	Nice	04-93244329
France	Orleans	02-38552800
France	Paris-East	01-43052770
France	Paris-West	01-47784307
France	Strasbourg	03-88256646
France	Strasbourg	03-88362788
France	Toulouse	05-61207357
Germany	Aachen	0241-4093057
Germany	Augsburg	0821-3493800
Germany	Bayreuth	0921-560498
Germany	Berlin	030-7231331
Germany	Bonn	0228-371605

COUNTRY	CITY	ACCESS	COUNTRY	CITY	ACCESS
Germany	Braunschweig	0531-13238	Japan	Tokyo	03-3505-5885
Germany	Bremen	0421-2439958	Japan	Tokyo	03-5644-3800
Germany	Chemnitz	0371-306567	Japan	Yokohama	045-451-2431
Germany	Dortmund	0231-7213130	Korea	Seoul	02-7613003
Germany	Dresden	0351-4903571	Luxembourg	Luxembourg	858801
Germany	Duesseldorf	0211-432155	Malaysia	Kuala Lumpur	03-7162516
Germany	Ehningen	07034-93600	Malaysia	Kuala Lumpur	03-7162554
Germany	Erfurt	0361-6442450	Mexico	Guadalajara	03-689-0807
Germany	Essen	0201-7109100	Mexico	Mexico City	05-327-5850
Germany	Frankfurt	069-6613011	Mexico	Monterrey	08-319-0633
Germany	Freiburg	0761-2020932	Mexico	Puebla	022-49-5200
Germany	Hamburg	040-6303655	Mexico	Queretaro	042-12-3009
Germany	Hannover	0511-9524744	Mexico	Tijuana	066-34-1060
Germany	Karlsruhe	0721-892180	Mexico	Tijuana	066-34-1452
Germany	Kassel	0561-780822	Netherlands Antilles	Curacao	9-369-811
Germany	Kiel	0431-641925	Netherlands Antilles	St. Marten	5-255
Germany	Koblenz	0261-16204	Netherlands	Amsterdam	020-6151500
Germany	Koeln	0221-3405026	Netherlands	Arnhem	026-3233968
Germany	Leipzig	0341-9608340	Netherlands	Breda	076-5147300
Germany	Magdeburg	0391-5410800	Netherlands	Den Bosch	073-6219000
Germany	Mainz	06131-834630	Netherlands	Eindhoven	040-2467733
Germany	Mannheim	0621-401026	Netherlands	Groningen	050-5255868
Germany	Munich	089-342418	Netherlands	Rotterdam	010-4140555
Germany	Muenster	0251-2305160	Netherlands	Utrecht	030-2804700
Germany	Nuernberg	0911-813043	Netherlands	Zoetermeer	079-3212244
Germany	Regensburg	0941-792344	Netherlands	Zwolle	038-4222604
Germany	Rostock	0381-4004800	New Zealand	Auckland	09-359-8488
Germany	Saarbruecken	0681-31362	New Zealand	Christchurch	03-372-8954
Germany	Stuttgart	0711-7800264	New Zealand	Wellington	04-576-8324
Germany	Ulm	0731-6020700	Norway	Oslo, for Oslo and Akershus	66-809022
Germany	Wuerzburg	0931-781936	Norway	Oslo, for rest of Norway	81-003555
Greece	Athens	01-6801330	Pakistan	Karachi	111-426-446
Greece	Thessaloniki	031-244540	Pakistan	Karachi	021-111426446
Hong Kong	nationwide	3004-9009	Peru	Lima	01-349-0165
Hong Kong	nationwide	3004-9600	Peru	Lima	01-349-3100
Hungary	Budapest	01-1852627	Philippines	Manila	02-8126060
Indonesia	Bandung	022-7277070	Poland	Warsaw	22-8786740
Indonesia	Bandung	022-700670	Portugal	Lisbon	01-7915145
Indonesia	Jakarta	021-3517070	Portugal	Lisbon	01-7915571
Indonesia	Jakarta	021-5270870	Portugal	Porto	02-2071145
Indonesia	Jakarta	021-5209580	Romania	Bucharest	01-3126592
Indonesia	Jakarta	021-5227070	Russia	Moscow	095-2586420
Indonesia	Jakarta	021-8577070	Russia	St. Petersburg	812-3258732
Indonesia	Medan	061-547070	Slovakia	Bratislava	07-787931
Indonesia	Surabaya	031-5477070	Slovakia	Bratislava	07-4757331
Ireland	Dublin	01-6607100	Slovenia	Ljubljana	061-1264777
Israel	Haifa	04-8550696	Slovenia	Murska Sobota	069-27-075
Israel	Tel Aviv	03-6915101	South Africa	Cape Town	021-4013380
Israel	Tel Aviv	03-6952777	South Africa	Durban	031-2682380
Italy	Ancona	071-2802850	South Africa	Johannesburg	011-7001188
Italy	Bari	080-5414108	South Africa	Johannesburg	011-7001766
Italy	Bologna	051-6414300	Spain	Alicante	96-5116539
Italy	Firenze	055-3200110	Spain	Barcelona	93-3220000
Italy	Genova	010-5700420	Spain	Barcelona	93-3220505
Italy	Milan-Vimercate	039-6082518	Spain	Barcelona	93-3220990
Italy	Milano	02-70300693	Spain	Barcelona	93-3221800
Italy	Napoli	081-2220303	Spain	Barcelona	93-3221933
Italy	Padova	049-666311	Spain	Barcelona	93-4391900
Italy	Palermo	091-6119360	Spain	Bilbao	94-4167000
Italy	Roma	06-3314033	Spain	Bilbao	94-4157922
Italy	Sassuolo	0536-810516	Spain	La Coruna	981-226388
Italy	Torino	011-7777870	Spain	Las Palmas	928-383688
Italy	Turin	011-7777822	Spain	Madrid	91-6567258
Italy	Verona	045-8267120	Spain	Madrid	91-6567105
Japan	nationwide	0088-36-1111	Spain	Madrid	91-4137314
Japan	Chiba	043-285-5681	Spain	Madrid	91-4130011
Japan	Fukuoka	092-621-7942	Spain	Madrid	91-4133606
Japan	Hiroshima	082-225-3555	Spain	Malaga	95-2228800
Japan	Kanazawa	0762-92-3972	Spain	Murcia	968-280228
Japan	Kawasaki	044-245-7604	Spain	Oviedo	98-5275755
Japan	Kobe	078-612-3792	Spain	Palma de Mallorca	971-755195
Japan	Kyoto	075-316-0762	Spain	Pamplona	948-186016
Japan	Nagoya	052-581-9571	Spain	San Sebastian	943-217577
Japan	Niigata	025-245-9199	Spain	Sevilla	95-4280710
Japan	Ohmiya	048-647-7007	Spain	Sevilla	95-4282960
Japan	Osaka	06-376-3027	Spain	Sta. Cruz de Tenerife	922-243288
Japan	Sapporo	011-752-9732	Spain	Valencia	96-3930190
Japan	Sendai	022-262-7421	Spain	Valencia	96-3933355
Japan	Takamatsu	0878-22-1245	Spain	Vigo	986-231211

NATIONAL BACKBONE OPERATORS — IBM

COUNTRY	CITY	ACCESS
Spain	Zaragoza	976-212018
Sweden	Alvsbyn	0929-479907
Sweden	Boras	033-7244909
Sweden	Borlange	0243-795961
Sweden	Eskilstuna	016-5425814
Sweden	Falkoping	0515-689905
Sweden	Gavle-Sandviken	026-4249905
Sweden	Goteborg	031-7249502
Sweden	Gotland	0498-659971
Sweden	Halmstad	035-2629907
Sweden	Helsingborg	042-4509900
Sweden	Jonkoping	036-2929902
Sweden	Kalmar	0480-439902
Sweden	Karlstad	054-7719908
Sweden	Katrineholm	0150-360809
Sweden	Kopparberg	0580-669903
Sweden	Lulea	0920-271977
Sweden	Lund	046-2739903
Sweden	Lycksele	0950-479974
Sweden	Malmö	040-6029904
Sweden	Mjölby	0142-486102
Sweden	Norrköping	011-4735605
Sweden	Orebro	019-7612303
Sweden	Ostersund	063-6779908
Sweden	Stockholm	08-56256300
Sweden	Sundsvall-Timra	060-7449908
Sweden	Trollhattan	0520-401972
Sweden	Uppsala	018-4722605
Sweden	Varnamo	0370-349806
Sweden	Vasteras	021-4749909
Sweden	Vaxjo	0470-788908
Switzerland	Basel	061-2741101
Switzerland	Bern	031-3827070
Switzerland	Chur	081-2528334
Switzerland	Geneva	022-7403311
Switzerland	Lausanne	021-3129010
Switzerland	Lugano	091-9233442
Switzerland	Luzern	041-2100133
Switzerland	Olten	062-2960130
Switzerland	St. Gallen	071-2232222
Switzerland	Zurich	01-4313700
Switzerland	Zurich	01-8031800
Taiwan	Taipei	02-7786565
Thailand	Bangkok	02-236-9652
Thailand	Bangkok	02-236-9656
Turkey	Ankara	0468-3535
Turkey	Ankara	0468-3039
Turkey	Ankara	0468-2531
Turkey	Ankara	0468-3492
Turkey	Istanbul	0212-2823944
Turkey	Istanbul	0212-2825922
Turkey	Istanbul	0212-2831577
Turkey	Istanbul	0212-2805232
Turkey	Istanbul	0212-2833300
United Kingdom	Aberdeen	01224-418401
United Kingdom	Aldershot	01252-308401
United Kingdom	Amesbury	01980-699401
United Kingdom	Ashbourne	01335-289401
United Kingdom	Ayr	01292-518401
United Kingdom	Barnstaple	01271-309401
United Kingdom	Bath	01225-738401
United Kingdom	Burnley	01282-899401
United Kingdom	Belfast	01232-538401
United Kingdom	Bicester	01869-879401
United Kingdom	Birmingham	0121-6078401
United Kingdom	Blandford	01258-398401
United Kingdom	Bristol	0117-9000401
United Kingdom	Brooke	01508-399401
United Kingdom	Cambridge	01223-258401
United Kingdom	Cardiff	01222-501401
United Kingdom	Carlisle	01228-899401
United Kingdom	Chelmsford	01245-708401
United Kingdom	Crews	01270-417401
United Kingdom	Cumnock	01290-419401
United Kingdom	Darlington	01325-508401
United Kingdom	Dartford	01322-308401
United Kingdom	Doncaster	01302-797401
United Kingdom	Dover	01304-508401

COUNTRY	CITY	ACCESS
United Kingdom	Durham	0191-3017401
United Kingdom	Edinburgh	0131-5498401
United Kingdom	Ellon	01358-869401
United Kingdom	Evesham	01386-389401
United Kingdom	Exeter	01392-311401
United Kingdom	Falkirk	01324-409401
United Kingdom	Forfar	01307-309401
United Kingdom	Glasgow	0141-3088401
United Kingdom	Gloucester	01452-899401
United Kingdom	Greenock	01475-503401
United Kingdom	Grimsby	01472-309401
United Kingdom	Guisborough	01287-599401
United Kingdom	Harrogate	01423-847401
United Kingdom	Hastings	01424-799401
United Kingdom	Hemel Hempstead	01442-359401
United Kingdom	Hereford	01432-298401
United Kingdom	Horsham	01403-839401
United Kingdom	Haywards Heath	01444-318401
United Kingdom	Huddersfield	01484-886401
United Kingdom	Hull	01482-409401
United Kingdom	Inverurie	01467-809401
United Kingdom	Ipswich	01473-206401
United Kingdom	Kettering	01536-381401
United Kingdom	Kidderminster	01562-539401
United Kingdom	Killlearn	01360-849401
United Kingdom	Kings Lynn	01553-621401
United Kingdom	Kirkcaldy	01592-669401
United Kingdom	Lancaster	01524-899401
United Kingdom	Larne	01574-319401
United Kingdom	Leeds	0113-2920401
United Kingdom	Leicester	0116-2505401
United Kingdom	Lincoln	01522-899401
United Kingdom	Liverpool	0151-4718401
United Kingdom	London	0171-6499401
United Kingdom	London	0181-2429401
United Kingdom	Londonderry	01504-610401
United Kingdom	Maidenhead	01628-439401
United Kingdom	Maidstone	01622-611401
United Kingdom	Manchester	0161-9308401
United Kingdom	Mold	01352-809401
United Kingdom	Morpeth	01670-569401
United Kingdom	Neath	01639-607401
United Kingdom	Newbury	01635-818401
United Kingdom	Newry	01693-319401
United Kingdom	Northampton	01604-549401
United Kingdom	Norwich	01603-208401
United Kingdom	Nottingham	0115-9718401
United Kingdom	Oundle	01832-859401
United Kingdom	Peebles	01721-709401
United Kingdom	Perth	01738-893401
United Kingdom	Peterborough	01733-286401
United Kingdom	Plymouth	01752-638401
United Kingdom	Pocklington	01759-359401
United Kingdom	Portadown	01762-619401
United Kingdom	Portsmouth	01705-401401
United Kingdom	Preston	01772-837401
United Kingdom	Reading	01189-639401
United Kingdom	Redhill	01737-731401
United Kingdom	Sheffield	0114-2919401
United Kingdom	Shirenewton	01291-619401
United Kingdom	Shrewsbury	01743-491401
United Kingdom	Southampton	01703-308401
United Kingdom	St. Albans	01727-881401
United Kingdom	Stoke-On-Trent	01782-607401
United Kingdom	Stowmarket	01449-609401
United Kingdom	Swansea	01792-359401
United Kingdom	Swindon	01793-469401
United Kingdom	Taunton	01823-729401
United Kingdom	Torquay	01803-670401
United Kingdom	Tranent	01875-401401
United Kingdom	Truro	01872-470401
United Kingdom	Warwick	01926-827401
United Kingdom	Whitehaven	01946-529401
United Kingdom	Wrexham	01978-229401
United Kingdom	Yeovil	01935-609401
Venezuela	Caracas	02-993-0755
Venezuela	Caracas	02-959-8944

IBM U.S. POINTS OF PRESENCE

STATE	CITY	ACCESS
AK	Anchorage	(907) 343-3501
AL	Anniston	(205) 235-9001
AL	Birmingham	(205) 510-2001
AL	Dothan	(334) 615-9001
AL	Florence	(205) 760-3361
AL	Gadsden	(205) 569-4001
AL	Huntsville	(205) 890-1901
AL	Mobile	(334) 602-6501
AL	Montgomery	(334) 409-4601
AL	Opelika	(334) 705-2601
AL	Tuscaloosa	(205) 349-6601
AR	Fayetteville	(501) 587-6601
AR	Ft. Smith	(501) 478-7101
AR	Hot Springs	(501) 627-9001
AR	Jonesboro	(501) 933-5701
AR	Little Rock	(501) 791-8701
AR	Pine Bluff	(501) 541-5901
AZ	Flagstaff	(520) 214-1201
AZ	Phoenix	(602) 395-5301
AZ	Tucson	(520) 512-1201
AZ	Yuma	(520) 539-5001
CA	Antioch	(510) 779-2401
CA	Bakersfield	(805) 396-3901
CA	Chico	(916) 891-7701
CA	Concord	(510) 677-7001
CA	Corona	(909) 280-3601
CA	Costa Mesa	(714) 825-1301
CA	San Luis Capistrano	(714) 460-7101
CA	El Centro	(619) 335-3801
CA	Escondido	(619) 735-5301
CA	Eureka	(707) 269-1601
CA	Fairfield	(707) 435-1301
CA	Fresno	(209) 248-4101
CA	Lancaster	(805) 726-3441
CA	Los Angeles	(213) 893-9501
CA	Marysville	(916) 749-7801
CA	Merced	(209) 384-5301
CA	Monterey	(408) 645-7401
CA	Moorpark	(805) 530-3101
CA	Morgan Hill	(408) 776-7201
CA	Napa	(707) 258-7901
CA	Norwalk	(310) 497-4401
CA	Ontario	(909) 930-2001
CA	Palm Springs	(619) 416-5581
CA	Palo Alto	(415) 798-7761
CA	Redding	(916) 242-4301
CA	Riverside	(909) 320-6001
CA	Santa Barbara	(805) 737-3401
CA	Sacramento	(916) 863-9501
CA	Salinas	(408) 442-6701
CA	San Bernardino	(909) 386-1701
CA	San Diego	(619) 657-5501
CA	San Francisco	(415) 276-2801
CA	San Jose	(408) 289-5701
CA	San Luis Obispo	(805) 783-7901
CA	San Ramon	(510) 358-3801
CA	Santa Cruz	(408) 477-4601
CA	Santa Maria	(805) 348-3401
CA	Santa Rosa	(707) 543-7201
CA	South Lake Tahoe	(916) 543-2801
CA	Stockton	(209) 475-4401
CA	Vallejo	(707) 556-1701
CA	Ventura	(805) 383-4301
CA	Victorville	(619) 381-8301
CA	Visalia	(209) 741-2301
CA	Simi Valley	(818) 227-5401
CO	Boulder	(303) 583-1301
CO	Colorado Springs	(719) 527-3941
CO	Denver	(303) 605-2101
CO	Grand Junction	(970) 256-8201
CO	Greeley	(970) 304-2101
CO	Pueblo	(719) 585-1601
CT	Danbury	(203) 207-3001
CT	Fairfield	(203) 319-2401
CT	Hamden	(203) 781-1601
CT	Hartford	(860) 550-7201
CT	New Haven	(203) 492-4801

STATE	CITY	ACCESS
CT	New London	(860) 405-2001
CT	Norwalk	(203) 750-1501
CT	Putnam	(860) 923-4001
CT	Stamford	(203) 363-5111
CT	Waterbury	(203) 262-7301
DC	Washington	(202) 530-3901
DE	Dover	(302) 672-4521
DE	Georgetown	(302) 854-5001
DE	Wilmington	(302) 425-3301
FL	Boca Raton	(561) 447-2001
FL	Daytona Beach	(904) 947-5401
FL	Destin	(904) 650-2101
FL	Ft. Lauderdale	(954) 351-3261
FL	Ft. Myers	(941) 277-3761
FL	Gainesville	(352) 333-7001
FL	Jacksonville	(904) 419-2501
FL	Kissimmee	(407) 944-5501
FL	Lakeland	(941) 499-1601
FL	Leesburg	(352) 319-9421
FL	Miami-Coral Gables	(305) 460-9501
FL	Ocala	(352) 694-9001
FL	Orlando-Winter Park	(407) 673-3901
FL	Panama City	(904) 913-7301
FL	Pensacola	(904) 969-3001
FL	Sarasota	(941) 331-4101
FL	St. Petersburg	(813) 524-7101
FL	Sugar Loaf Key	(305) 745-7201
FL	Tallahassee	(904) 216-0901
FL	Tampa	(813) 554-1101
FL	Vero Beach	(561) 564-6141
FL	West Palm Beach	(561) 615-5701
GA	Albany	(912) 430-2601
GA	Athens	(706) 357-4701
GA	Atlanta	(770) 937-4981
GA	Augusta	(706) 739-1001
GA	Columbus	(706) 562-1551
GA	Macon	(912) 757-5801
GA	Perry	(912) 987-8301
GA	Savannah	(912) 692-4421
HI	Hilo	(808) 934-5201
HI	Honolulu	(808) 979-5101
HI	Maui-Wailuku	(808) 243-1801
IA	Ames	(515) 239-3901
IA	Cedar Falls-Waterloo	(319) 236-6901
IA	Cedar Rapids	(319) 395-6601
IA	Des Moines	(515) 267-6801
IA	Dubuque	(319) 557-5801
IA	Iowa City	(319) 341-4501
IA	Marshalltown	(515) 753-2501
IA	Sioux City	(712) 274-6201
ID	Boise	(208) 333-2501
ID	Coeur D'alene	(208) 665-4201
ID	Idaho Falls	(208) 535-0101
ID	Pocatello	(208) 235-1101
ID	Twin Falls	(208) 735-2001
IL	Arlington Heights	(847) 704-7001
IL	Champaign	(217) 351-1301
IL	Chicago	(312) 705-3301
IL	Danville	(217) 431-9601
IL	Decatur	(217) 421-1501
IL	Elmhurst	(630) 613-1201
IL	Evanston	(847) 563-6001
IL	Freeport	(815) 266-7901
IL	Geneva	(630) 943-1701
IL	Hinsdale	(630) 716-1001
IL	Joliet	(815) 774-6601
IL	Kankakee	(815) 928-1001
IL	Moline-Davenport	(319) 388-5401
IL	Normal	(309) 888-2401
IL	Northbrook	(847) 715-1601
IL	Oak Lawn	(708) 930-1801
IL	Peoria	(309) 694-8201
IL	Quincy	(217) 221-0601
IL	Rock Island	(309) 793-3551
IL	Rockford	(815) 229-9601
IL	Schaumburg	(630) 237-1101
IL	Springfield	(217) 793-7181
IL	Waukegan	(847) 672-1901
IN	Anderson	(317) 683-4301
IN	Bloomington	(812) 349-4101

STATE	CITY	ACCESS
IN	Elkhart	(219) 523-0501
IN	Evansville	(812) 469-7001
IN	Ft. Wayne	(219) 470-9001
IN	Indianapolis	(317) 655-3001
IN	Kokomo	(317) 864-6201
IN	Lafayette	(317) 428-3001
IN	Marion	(317) 677-5001
IN	Merrillville	(219) 681-6401
IN	Muncie	(317) 751-2301
IN	South Bend	(219) 271-2601
IN	Terre Haute	(812) 231-8701
IN	Valparaiso	(219) 531-8201
KS	Hutchinson	(316) 728-3101
KS	Lawrence	(913) 838-0201
KS	Leavenworth	(913) 680-6501
KS	Manhattan	(913) 565-3001
KS	Salina	(913) 452-3101
KS	Topeka	(913) 228-8301
KS	Wichita	(316) 337-9501
KY	Bowling Green	(502) 783-3501
KY	Frankfort	(502) 226-1441
KY	Lexington	(606) 245-7201
KY	Louisville	(502) 499-4018
KY	Owensboro	(502) 688-9401
KY	Paducah	(502) 441-3501
LA	Alexandria	(318) 483-3901
LA	Baton Rouge	(504) 930-3001
LA	Lafayette	(318) 983-7201
LA	Lake Charles	(318) 437-1801
LA	Monroe	(318) 329-0101
LA	New Orleans	(504) 456-3641
LA	Shreveport	(318) 226-7001
LA	Slidell	(504) 639-3301
MA	Boston	(617) 927-5101
MA	Lawrence	(508) 837-6301
MA	Lexington	(617) 276-4101
MA	Manchester	(508) 526-2201
MA	Marion	(508) 748-6001
MA	New Bedford	(508) 646-4201
MA	Pittsfield	(413) 496-6501
MA	Springfield	(413) 543-7601
MA	Templeton	(508) 939-4601
MA	Worcester	(508) 890-2601
MD	Aberdeen	(410) 273-5081
MD	Annapolis	(410) 224-1301
MD	Balt	(410) 771-8981
MD	Cumberland	(301) 729-5901
MD	Frederick	(301) 624-5801
MD	Hagerstown	(301) 665-1501
MD	Salisbury	(410) 334-3001
ME	Augusta	(207) 626-5101
ME	Bangor	(207) 990-9801
ME	Eliot	(207) 748-4001
ME	Lewiston	(207) 753-2501
ME	Portland	(207) 842-5201
ME	Presque Isle	(207) 764-9501
MI	Ann Arbor	(313) 887-1001
MI	Battle Creek	(616) 979-0101
MI	Birmingham	(810) 205-1501
MI	Cadillac	(616) 779-4101
MI	Dearborn	(313) 203-1201
MI	Detroit-Downtown	(313) 202-1101
MI	Detroit-Southfield	(810) 204-1301
MI	Flint	(810) 733-9441
MI	Grand Rapids	(616) 975-1601
MI	Ishpeming	(906) 485-0001
MI	Jackson	(517) 796-6001
MI	Kalamazoo	(616) 384-6101
MI	Lansing	(517) 333-9743
MI	Midland	(517) 695-1901
MI	Muskegon	(616) 727-2501
MI	Port Huron	(810) 385-2001
MI	Saginaw	(517) 249-1901
MI	St. Joseph	(616) 934-0601
MI	Traverse City	(616) 933-7401
MI	Troy	(810) 824-1401
MN	Duluth	(218) 725-0001
MN	Hibbing	(218) 262-7171
MN	Mankato	(507) 386-4601
MN	Minneapolis	(612) 943-5801

NATIONAL BACKBONE OPERATORS — IBM

STATE	CITY	ACCESS	STATE	CITY	ACCESS	STATE	CITY	ACCESS
MN	Rochester	(507) 287-9681	NY	White Plains	(914) 899-5001	TX	Ft. Worth	(817) 570-4301
MN	St. Cloud	(320) 202-2201	NY	Watertown	(315) 786-3281	TX	Harlingen	(210) 430-1101
MO	Cape Girardeau	(573) 986-6601	OH	Akron-Hudson	(216) 342-1301	TX	Houston	(713) 897-6201
MO	Columbia	(573) 499-9581	OH	Canton	(330) 492-3391	TX	Killeen	(817) 618-4901
MO	Jefferson City	(573) 556-6001	OH	Cincinnati	(513) 741-6581	TX	Laredo	(210) 729-2001
MO	Joplin	(417) 659-5401	OH	Cleveland	(216) 843-4481	TX	Longview	(903) 232-2901
MO	Kansas City	(816) 795-3101	OH	Columbus	(614) 272-4201	TX	Lubbock	(806) 788-2601
MO	Rolla	(573) 364-6372	OH	Dayton	(513) 438-7101	TX	Mcallen	(210) 926-4501
MO	Springfield	(417) 891-1901	OH	Elyria	(216) 324-0701	TX	Mckinney	(972) 529-4401
MO	St. Joseph	(816) 236-1101	OH	Findlay	(419) 427-2771	TX	Midland	(915) 688-0801
MO	St. Louis	(314) 551-1501	OH	Lima	(419) 221-5301	TX	Odessa	(915) 368-3001
MS	Biloxi	(601) 385-5101	OH	Mansfield	(419) 521-0001	TX	San Angelo	(915) 947-4101
MS	Gulfport	(601) 870-4001	OH	Newark	(614) 323-5001	TX	San Antonio	(210) 242-7301
MS	Hattiesburg	(601) 543-1101	OH	Smithfield	(614) 284-5501	TX	Sherman	(903) 813-5181
MS	Jackson	(601) 346-1001	OH	Springfield	(513) 327-2501	TX	Temple	(817) 770-5801
MS	Meridian	(601) 481-2001	OH	Toledo	(419) 244-3085	TX	Texarkana	(903) 794-8241
MS	Pascagoula	(601) 696-2501	OH	Warren	(330) 306-0001	TX	Texas City	(409) 645-8001
MS	Tupelo	(601) 840-6911	OH	Youngstown	(330) 480-5101	TX	Tyler	(903) 579-7901
MS	Vicksburg	(601) 630-8201	OH	Zanesville	(614) 450-6521	TX	Victoria	(512) 582-5301
MT	Billings	(406) 238-4741	OK	Ardmore	(405) 220-2801	TX	Waco	(817) 751-3901
MT	Bozeman	(406) 582-7301	OK	Enid	(405) 548-0401	TX	Wichita Falls	(817) 696-6801
MT	Butte	(406) 494-8611	OK	Lawton	(405) 250-8431	UT	Provo	(801) 344-5001
MT	Great Falls	(406) 771-4181	OK	Oklahoma City	(405) 280-2501	UT	Salt Lake City	(801) 321-6201
MT	Helena	(406) 443-8101	OK	Tulsa	(918) 488-1201	VA	Charlottesville	(804) 974-5701
MT	Missoula	(406) 542-6301	OR	Bend	(541) 330-2401	VA	Fredricksburg	(540) 374-0501
NC	Asheville	(704) 299-5201	OR	Corvallis	(541) 766-3501	VA	Harrisonburg	(540) 574-7001
NC	Charlotte	(704) 510-2001	OR	Eugene	(541) 431-3201	VA	Lynchburg	(804) 237-8601
NC	Durham	(919) 558-5901	OR	Medford	(541) 857-4501	VA	Manassas	(703) 331-2601
NC	Fayetteville	(910) 860-4001	OR	Portland	(503) 417-2721	VA	Norfolk-Virginia Beach	(757) 473-5401
NC	Gastonia	(704) 836-8801	OR	Salem	(503) 589-2921	VA	Petersburg	(804) 863-4101
NC	Greensboro	(910) 605-1541	PA	Altoona	(814) 941-1301	VA	Richmond	(804) 674-1501
NC	Greenville	(919) 353-1801	PA	Bethlehem	(610) 807-4321	VA	Roanoke	(540) 776-6101
NC	High Point	(910) 881-3801	PA	Butler	(412) 477-5501	VA	Williamsburg	(757) 591-3001
NC	Kannapolis	(704) 939-0001	PA	Coatesville	(610) 380-6301	VT	Burlington	(802) 651-5401
NC	Raleigh	(919) 878-4801	PA	Erie	(814) 866-4401	VT	Montpelier	(802) 371-5201
NC	Rocky Mount	(919) 407-1461	PA	Greensburg	(412) 850-1631	WA	Bellingham	(360) 715-7701
NC	Wilmington	(910) 792-5341	PA	Harrisburg	(717) 671-2601	WA	Black Diamond	(360) 886-3001
NC	Winston-Salem	(910) 733-5971	PA	Johnstown	(814) 532-8101	WA	Kennewick	(509) 736-2901
ND	Bismarck	(701) 250-0001	PA	Lancaster	(717) 581-5921	WA	Longview	(360) 414-2401
ND	Fargo	(701) 281-6401	PA	Lansdowne	(610) 394-5501	WA	Olympia	(360) 357-3284
ND	Grand Forks	(701) 795-4701	PA	New Castle	(412) 657-2501	WA	Port Angeles	(360) 417-1501
ND	Minot	(701) 858-1901	PA	Philadelphia	(215) 851-8301	WA	Pullman	(509) 334-8201
NE	Grand Island	(308) 385-1501	PA	Pittsburgh	(412) 237-2301	WA	Seattle	(206) 674-1201
NE	Lincoln	(402) 467-9501	PA	Reading	(610) 208-4561	WA	Spokane	(509) 484-6101
NE	Omaha	(402) 392-5101	PA	Scranton	(717) 340-6781	WA	Tacoma	(206) 620-1601
NH	Hanover	(603) 640-1901	PA	State College	(814) 235-3541	WA	Vancouver	(360) 891-1601
NH	Manchester	(603) 634-0801	PA	Wilkes Barre	(717) 831-0701	WA	Yakima	(509) 574-3801
NH	Peterborough	(603) 924-2801	PA	Williamsport	(717) 327-7481	WI	Appleton	(414) 830-4501
NJ	Cherry Hill	(609) 482-5761	PA	York	(717) 771-1001	WI	Eau Claire	(715) 831-4001
NJ	Hawthorne	(201) 628-6401	PR	Santurce	(787) 289-0801	WI	Green Bay	(414) 430-4201
NJ	Linden	(908) 474-4201	RI	Newport	(401) 845-2601	WI	Janesville	(608) 368-2101
NJ	Mays Landing	(609) 569-7201	RI	Providence	(401) 827-5401	WI	Kenosha	(414) 612-1101
NJ	Mendham	(201) 543-8401	RI	Woonsocket	(401) 762-6201	WI	Lacrosse	(608) 796-2401
NJ	Paramus	(201) 986-2741	SC	Aiken	(803) 643-7401	WI	Madison	(608) 243-1601
NJ	Princeton	(609) 514-7501	SC	Charleston	(803) 820-4601	WI	Milwaukee	(414) 860-4201
NJ	Toms River	(908) 818-3201	SC	Columbia	(803) 865-6101	WI	Oshkosh	(414) 232-2901
NJ	Trenton	(609) 278-7701	SC	Florence	(803) 317-0001	WI	Racine	(414) 504-1001
NJ	Vineland	(609) 794-7001	SC	Greenville	(864) 234-2001	WI	Sheboygan	(414) 451-5901
NJ	West Orange	(201) 325-4401	SC	Myrtle Beach	(803) 444-1301	WI	Wausau	(715) 843-2501
NM	Albuquerque	(505) 837-8101	SC	Spartanburg	(864) 515-5761	WI	West Bend	(414) 306-2001
NM	Las Cruces	(505) 647-4701	SD	Rapid City	(605) 355-7601	WV	Bridgeport	(304) 848-0001
NM	Roswell	(505) 625-5201	SD	Sioux Falls	(605) 373-3201	WV	Charleston	(304) 340-1901
NM	Santa Fe	(505) 474-1401	TN	Chattanooga	(423) 954-3901	WV	Clarksburg	(304) 626-1001
NV	Carson City	(702) 885-6661	TN	Clarksville	(615) 905-5701	WV	Huntington	(304) 526-0801
NV	Las Vegas	(702) 693-5601	TN	Jackson	(901) 423-7601	WV	Morgantown	(304) 285-0801
NV	Reno	(702) 785-9001	TN	Johnson City	(423) 975-7701	WV	Parkersburg	(304) 420-7801
NY	Albany	(518) 454-3301	TN	Kingsport	(423) 279-2001	WV	Wheeling	(304) 234-6901
NY	Buffalo	(716) 568-8301	TN	Knoxville	(423) 595-4601	WY	Casper	(307) 261-4101
NY	Corning	(607) 936-5001	TN	Memphis	(901) 762-9801	WY	Cheyenne	(307) 637-9101
NY	Endicott	(607) 766-1001	TN	Nashville	(615) 731-9931	WY	Laramie	(307) 721-0501
NY	Ithaca	(607) 275-1001	TX	Abilene	(915) 690-4301	fee	800 (surcharge)	(800) 933-3997
NY	Jamestown	(716) 665-1401	TX	Amarillo	(806) 354-3801	fee	800 (surcharge)	(800) 590-4857
NY	Jericho	(516) 733-3561	TX	Austin	(512) 427-4031	ISDN	800 (surcharge)	(800) 586-3089
NY	Kingston	(914) 334-2601	TX	Baytown	(281) 420-0401	ISDN	800 (surcharge)	(800) 590-4858
NY	Lockport	(716) 433-0071	TX	Beaumont	(409) 723-1852			
NY	New York City	(212) 605-5101	TX	Brownsville	(210) 550-4411			
NY	Pendleton	(716) 625-7301	TX	Bryan	(409) 361-3201			
NY	Poughkeepsie	(914) 431-1281	TX	Corpus Christi	(512) 994-7101			
NY	Rochester	(716) 246-4001	TX	Dallas	(972) 780-2201			
NY	Syracuse	(315) 448-1101	TX	Denton	(817) 380-7301			
NY	Utica	(315) 793-2921	TX	El Paso	(915) 783-3101			

FUTURE EXPANSION PLANS

IBM plans to expand the number of T-3 nodes in the United States from 15 to 50. ♦

Pick flowers along the information highway.

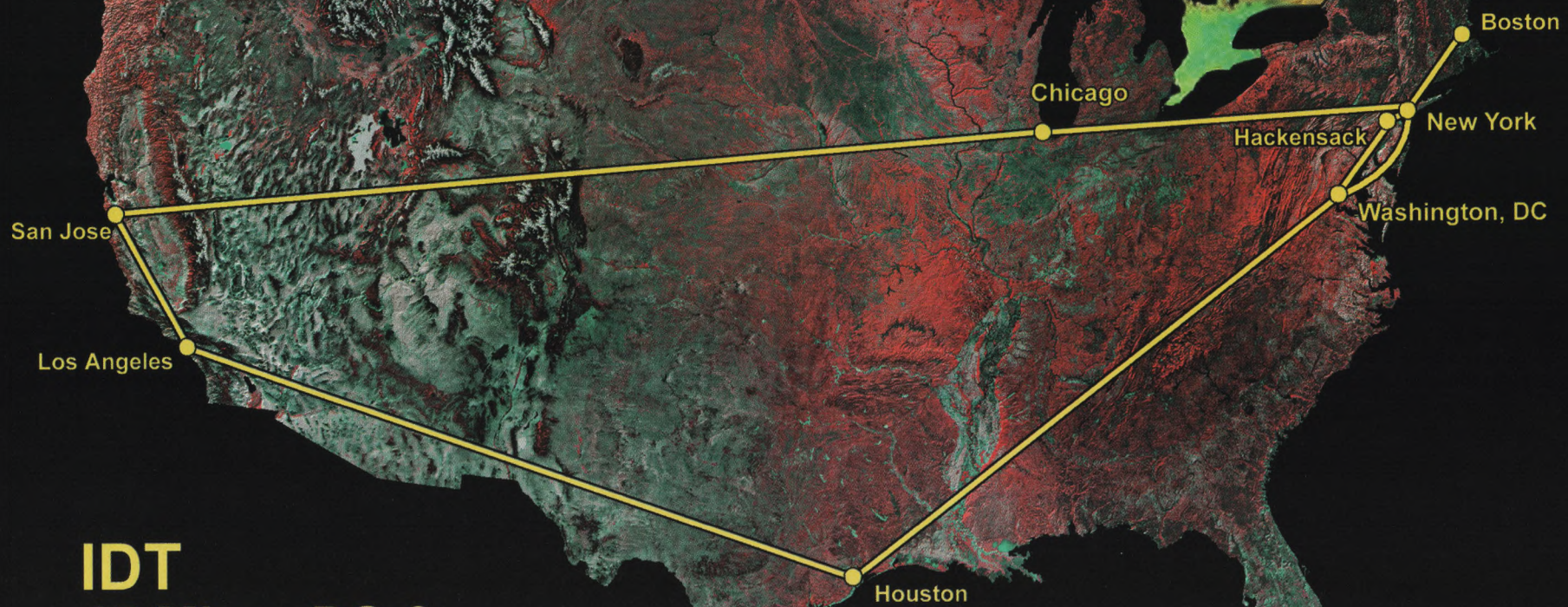
In today's fast-paced world, who has time to pick flowers? You do. On the Internet, it's faster and easier than ever. Whether they're for a special occasion or just to brighten someone's day, flowers send a message straight to the heart. If you'd like to order directly, simply visit our Web site. Or, if for some reason you're not on your computer, call us at 1-800-SEND-FTD (1-800-736-3383). Floral arrangements and gourmet gifts online. What's next, serenading by sound bytes?

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IDT
45 Mbps DS-3
Backbone

IDT Corp

Hackensack, New Jersey

HISTORY

IDT's founders started in the Internet business by hosting conferences of the International Internet Association (IIA), an organization that attempted to offer free Internet access before affordable dial-in access was widely available. The IIA was much more successful than anyone imagined, and it soon began to consume a large amount of time, money, and hardware. To keep the IIA going, IDT's founders started Internet Online Services, its first commercial Internet service. IOS started out small, with a handful of dial-up lines in Hackensack, New Jersey, but soon expanded to POPs in New York City and Highland Park, New Jersey.

By the beginning of 1995, IOS began to grow and offered its first leased-line connections for business customers. Through 1995, the company added POPs, modems, servers, and backbone connections. The name changed from IOS to IDT Internet Services.

As IDT added more and more Internet customers, it looked into developing a "real" backbone and started with T-1 links connecting its POPs and a connection to MAE East in Vienna, Virginia. By the end of 1995, it had over 30 POPs covering the New York City metro area;

most of New Jersey; Philadelphia; Houston; Washington, DC; Phoenix; and Los Angeles. Additionally, the company had over 150 POPs through its alliance partners — local providers who leased space to IDT until IDT was able to install its own POPs. The company also started to aggressively market its leased-line services. On the backbone side, it grew from a T-1 based backbone to a 10 Mbps, fully-meshed, ATM backbone and began to multi-home to improve network performance and fault-tolerance.

IDT's initial public offering in March 1996 provided capital for expansion. IDT experienced hyper-expansion throughout 1996, growing to own almost 90 POPs. It began to outgrow its backbone, and started a migration to a fully-redundant T-3 backbone. By the beginning of 1997, it had completed its T-3 backbone, and had connections and peering at MAE East, MAE West, Sprint NAP, and Ameritech NAP.

On April 16th, IDT and Cable & Wireless PLC (CWIX), one of the world's largest telecommunications companies, announced an agreement to route telephone calls through each others domestic and international networks. IDT has already begun to route traffic through CWIX's network. CWIX was expected to

begin routing traffic through IDT's network in June. By routing CWIX's traffic through its network, IDT plans to double its traffic by July 31st. IDT anticipates this agreement to be the first of several upcoming larger carrier deals.

COMPANY DESCRIPTION

CEO: Howard Jonas

NASDAQ: IDTC

Consumer Dial-up Accounts: 153,000

Business Dedicated Access Accounts: 300

Annual Revenues From Internet Related

Operations: \$7.6 million (3rd Quarter FY 1997)

Earnings: \$161,000 (3rd Quarter FY 1997)

Total POPs: 90

Total Dial-up Ports: 10,000

Number of Employees: 350

Office Location: Hackensack, New Jersey

Street Mailing Address: 190 Main Street, Hackensack, NJ 07601

Voice: (201) 928-1000

Facsimile: (201) 928-1057

24 Hour NOC Telephone: 201-928-2889
(leased-line customers only)

MailTo: connect@corp.idt.net

http://www.idt.net

CURRENT BACKBONE ARCHITECTURE

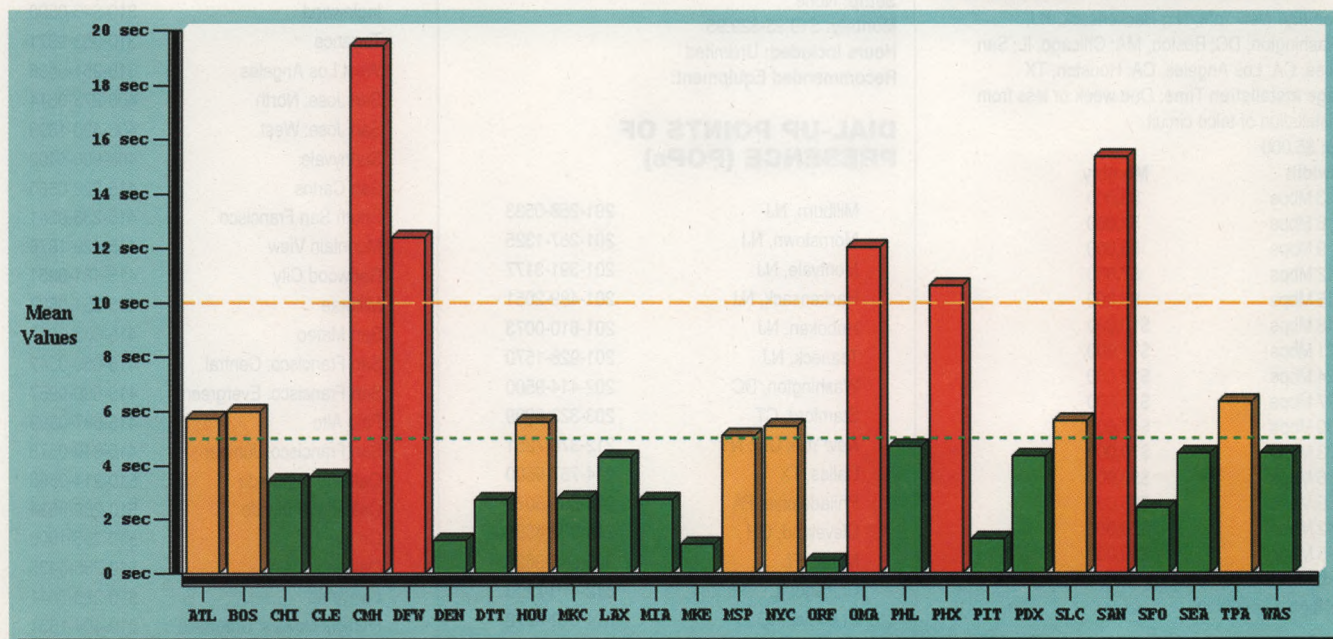
IDT's current backbone architecture is based on T-3s connected to Nortel Passport switches. The Passports do not do

IDT

DATE: 04/20/97 thru 05/20/97

DATA POINTS: 72547

AVERAGE: 5.519 sec
DEVIATION: 39.145 sec



any routing. The routing is handled by Cisco 7500 series routers which connect via FDDI to the Passports. The network is designed in such a way that the routers have a virtual connection to all other backbone routers through a common FDDI ring. The routers, in a sense, think they are seeing a direct connection to the correct backbone router.

MAJOR U.S. BACKBONE HUB CITIES

Boston, MA
Chicago, IL
Hackensack, NJ
Houston, TX
Los Angeles, CA
New York, NY
Pennsauken, NJ
San Jose, CA
Washington, DC

Senior Network Architect
Engineer: Golan Ben-Oni
MailTo: bnite@hq.idt.net

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Vienna, VA
MAE West - San Jose, CA
Ameritech Chicago NAP - Chicago, IL
Sprint New York NAP - Pennsauken, NJ

BUSINESS PRODUCTS

BUSINESS CONTACT INFO

Position: Leased-line Sales
Voice: 1-800-CALLIDT
Fax: (201) 907-5113
http:// www.idt.net/dedicated

45 Mbps T-3 LEASED LINE ACCESS

Availability: New York, NY; Hackensack, NJ; Washington, DC; Boston, MA; Chicago, IL; San Jose, CA; Los Angeles, CA; Houston, TX
Average Installation Time: One week or less from installation of telco circuit

Setup: \$5,000

Bandwidth	Monthly
3 Mbps	\$3,000
6 Mbps	\$4,000
9 Mbps	\$6,000
12 Mbps	\$7,000
15 Mbps	\$8,000
18 Mbps	\$10,000
21 Mbps	\$11,000
24 Mbps	\$13,000
27 Mbps	\$15,000
30 Mbps	\$17,000
33 Mbps	\$19,000
36 Mbps	\$22,000
39 Mbps	\$25,000
42 Mbps	\$28,000
45 Mbps	\$30,000

Recommended Equipment: Cisco and Network Systems Corporation

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: New York, NY; Hackensack, NJ; Washington, DC; Boston, MA; Chicago, IL; San Jose, CA; Los Angeles, CA; Houston, TX
Average Installation Time: One week or less from installation of telco circuit

Setup: \$1,500

Bandwidth	Monthly
128 Kbps	\$600
256 Kbps	\$700
512 Kbps	\$800
768 Kbps	\$900
1,544 Kbps	\$1,400

Recommended Equipment: Cisco and Network Systems Corporation

56 Kbps LEASED LINE ACCESS

Availability: New York, NY; Hackensack, NJ; Washington DC, Boston, MA, Chicago, IL, San Jose, CA, Los Angeles, CA, Houston, TX

Setup: \$500

Monthly: \$350

Recommended Equipment: Cisco and Network Systems Corporation

BASIC WEB HOSTING SERVICE

Setup: \$195
Monthly: \$60
Storage Limitations: Unknown

CONSUMER PRODUCTS

CONSUMER CONTACT INFO

Position: Dial-up Sales
Voice Order Line: (800) 245-8000
http:// www.idt.net

28.8 Kbps DIAL-UP CONNECTIONS

Account: SLIP/PPP
Availability: All POPs
Average Install Time: 5 days to receive software
Setup: None
Monthly: \$19.95-\$29.95
Hours Included: Unlimited
Recommended Equipment:

DIAL-UP POINTS OF PRESENCE (POPs)

Millburn, NJ	201-258-0533
Morristown, NJ	201-267-1325
Montvale, NJ	201-391-3177
Hackensack, NJ	201-489-2051
Hoboken, NJ	201-610-0073
Teaneck, NJ	201-928-1570
Washington, DC	202-414-9500
Stamford, CT	203-323-6999
New York City, NY	212-376-7251
Dallas, TX	214-757-9500
Philadelphia, PA	215-569-5070
Cleveland, OH	216-902-4500
Miami, FL	305-545-9626
Chicago, IL	312-410-7200
St Louis, MO	314-872-0272

Baltimore, MD	410-864-6186
Louisville, KY	502-585-5691
Cincinnati, OH	513-948-1800
Floral Park, NY	516-327-0600
Smithtown, NY	516-366-6752
Phoenix, AZ	602-277-2254
Princeton, NJ	609-924-1171
Minneapolis, MN	612-204-4200
Charlotte, NC	704-679-7200
Houston, TX	713-626-5777
Highland Park, NJ	908-448-0170
Lakewood, NJ	908-901-6004
Monsey, NY	914-426-1701
Yonkers, NY	914-776-3100
Ft. Lauderdale, FL	954-486-2071

California

Los Angeles	213-330-0908
Los Angeles	213-331-0545
Los Angeles	213-332-0535
Los Angeles	213-474-0023
Los Angeles	213-475-0540
Los Angeles	213-476-0541
Los Angeles	213-477-0536
Montebello	213-490-0565
Los Angeles	213-524-0536
Los Angeles	213-527-0563
Los Angeles	213-529-0532
Los Angeles	213-531-0538
Los Angeles	213-601-0539
Los Angeles	213-602-0544
Los Angeles	213-603-0590
Long Beach	310-506-0509
San Pedro	310-507-0625
Santa Monica	310-526-0511
Beverly Hills	310-734-0665
Compton	310-735-0621
Culver City	310-736-0599
El Segundo	310-765-0737
Compton: Gardena	310-819-0605
Hawthorne	310-844-0591
Inglewood	310-846-0590
Torrance	310-953-0621
West Los Angeles	310-954-0508
San Jose: North	408-273-0614
San Jose: West	408-490-1699
Sunnyvale	408-990-5402
San Carlos	415-226-0560
South San Francisco	415-238-0541
Mountain View	415-429-1876
Redwood City	415-481-0851
Millbrae	415-651-0807
San Mateo	415-653-0617
San Francisco: Central	415-659-0547
San Francisco: Evergreen	415-680-0957
Palo Alto	415-687-0899
San Francisco: Juniper	415-840-0575
Oakland: Alameda	510-214-0588
Oakland: Fruitvale	510-269-0534
Orinda	510-255-1906
Oakland: Main	510-285-5435
Lafayette	510-298-0641
Fremont-Newark: Greenfield	510-404-1551

Dublin-San Ramon	510-557-0866
Hayward	510-731-0766
Fremont-Newark: Oliver	510-771-0635
Fremont-Newark: Main	510-789-0697
Concord	510-826-0657
Danville	510-854-0540
Oakland: Trinidad	510-877-0539
Walnut Creek	510-948-1518
Oakland: Berkely	510-982-1651
Chula Vista	619-210-0512
El Cajon	619-212-0527
Coronado	619-215-0526
La Jolla	619-410-0597
La Mesa	619-415-0527
National City	619-419-0524
Oceanside-Carlsbad	619-710-0528
SD-Linda Vista	619-712-0696
Rancho Bernardo	619-716-0530
SD-Mira Mesa	619-880-0634
San Diego	619-881-0996
Santa Ana	714-481-0603
Capistrano Valley	714-485-0043
Garden Grove	714-591-0598
Buena Park	714-676-0593

Cypress	714-763-0592
Anaheim	714-782-0853
Huntington Beach	714-849-0514
Fullerton	714-869-0652
Orange	714-923-0981
Irvine	714-930-0751
Placentia	714-983-0593
Brea	714-988-0622
Burbank	818-531-0670
El Monte	818-532-0627
Glendale	818-638-0688
Pasadena	818-639-0599
San Fernando	818-741-0510
Van Nuys	818-742-0660

FUTURE EXPANSION PLANS

IDT and WorldCom announced on March 14 that they agreed to provide international and domestic long distance telephone service and domestic Internet backbone services. By aggregating its overseas and domestic phone

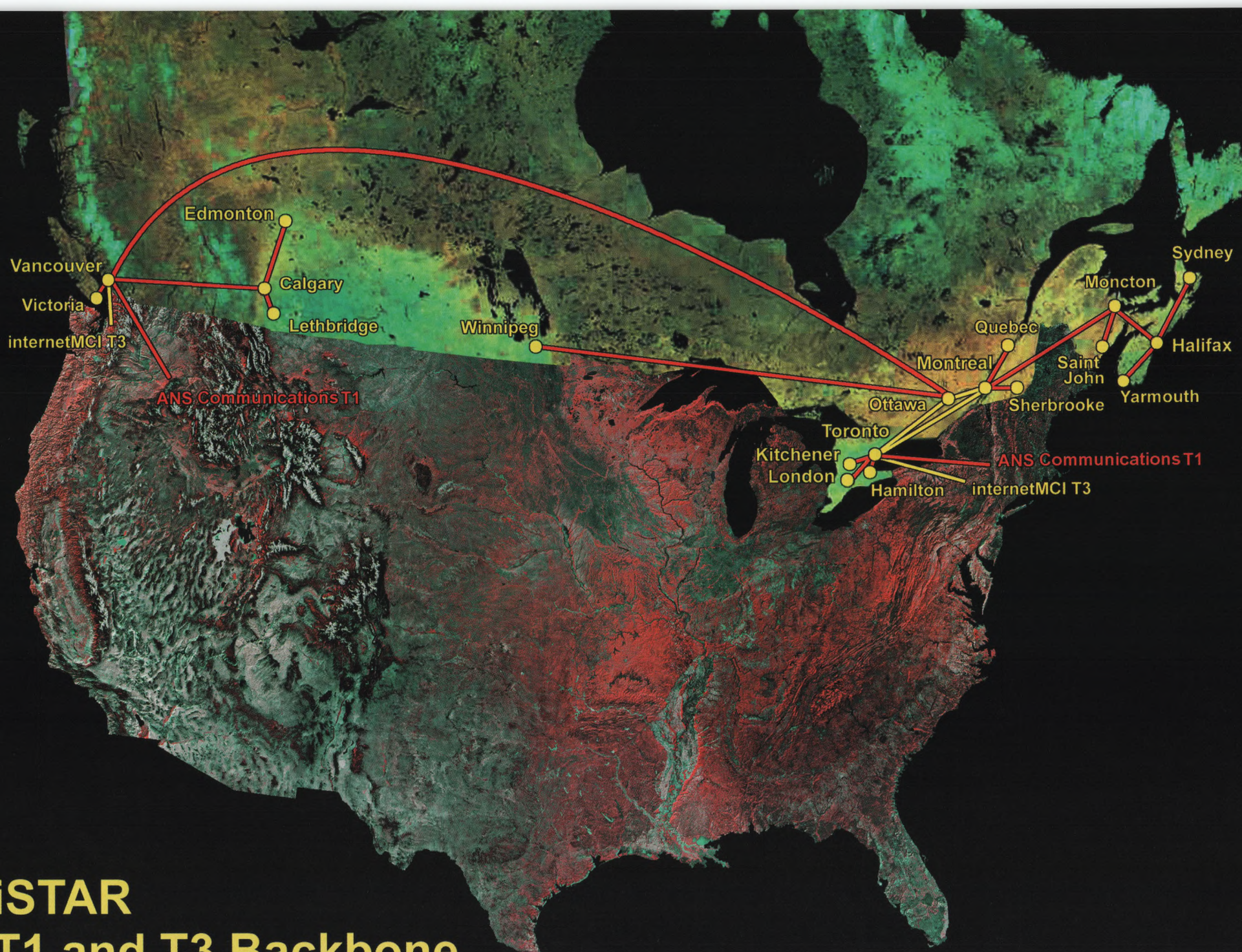
service for end users and carrier customers with its Internet network services, the agreement is expected to allow IDT to reduce its network operating costs while providing the company with competitive advantages in offering international telephone services and domestic long-distance service.

IDT markets WorldCom's long-distance service as a value-added bundled service with its domestic dial-up Internet access. The company intends to originate international traffic through its own network beginning with the impending launch of IDT's facilities-based switch in London, anticipated mirror bases in Hong Kong and additional international hubs. In its last quarter ending January 31, 1997, revenues from IDT's telecommunications operations were \$21 million, a 271 percent increase over the same period of the prior year. ♦

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iSTAR T1 and T3 Backbone

iSTAR Internet, Inc. Ottawa, Ontario, Canada

HISTORY

iSTAR Internet, Inc. is a full-service Internet company with offices and facilities that span Canada. As a single company formed through merger and the acquisition of over 10 companies, iSTAR has one of the most experienced staffs in all of North America.

iSTAR was formed in August, 1995 by a merger of fONOROLA, I*internet and NSTN Inc. and the acquisitions of Inforamp, MINDLINK!, Wimsey Information Services, AuroraNet, ARNet, CRS Online, Magi Data and PressNET. Upon completing its initial public offering (IPO), iSTAR positioned itself to be a leading Canadian Internet provider.

iSTAR is Canada's largest Internet company — any way you measure it. With services from Victoria to St. John's, over 300 employees, 50 percent of Canadian commercial Internet "nodes," and annual revenues projected at \$35 million, no other organization has as many resources in manpower and facilities to meet Canada's increasing demand for Internet services.

Services are catered to organizations that depend on their Internet connection as a key part of their business. The

network configuration provides an auto-corrective redundancy design to ensure maximum reliability.

iSTAR's key features include:

- Canada-wide high-speed dedicated Internet backbone network
- 24x7 support services
- Fully managed customer premise equipment
- Security systems and services
- World Wide Web products

iSTAR provides Internet access coast-to-coast with points of presence at 32 locations across the country. The company provides consumer dial-up services through iSTAR Dial and direct access connections through a iSTAR Direct. It also offers consulting, content and commercial support services.

On September 24, 1996 iSTAR Internet Inc. and AT&T Canada Long Distance Services Company announced an arrangement allowing AT&T Canada Long Distance Services the ability to offer Internet services to business customers utilizing iSTAR's and AT&T Canada's national network and operational infrastructure.

Many of Canada's leading organizations have selected iSTAR as their

Internet provider. These include Royal Bank of Canada, Toronto Dominion Bank, Bank of Nova Scotia and Corel Corporation.

COMPANY DESCRIPTION

CEO: Craig Wallace

TSE: iSTAR

Consumer Subscribers: 70,000

Business Accounts: 1,300

Revenues: \$35 million

Earnings: -\$20.4 million

Total POPs: 43

Total Dial-Up Ports: 3,200

Employees: 300+

World Headquarters: 250 Albert Street,
Ottawa, Ontario, Canada K1P6M1

Voice: (613) 780-2200; (888) GOiSTAR

Facsimile: (613) 780-6666

MailTo: sales@istar.ca

<http://www.istar.ca>

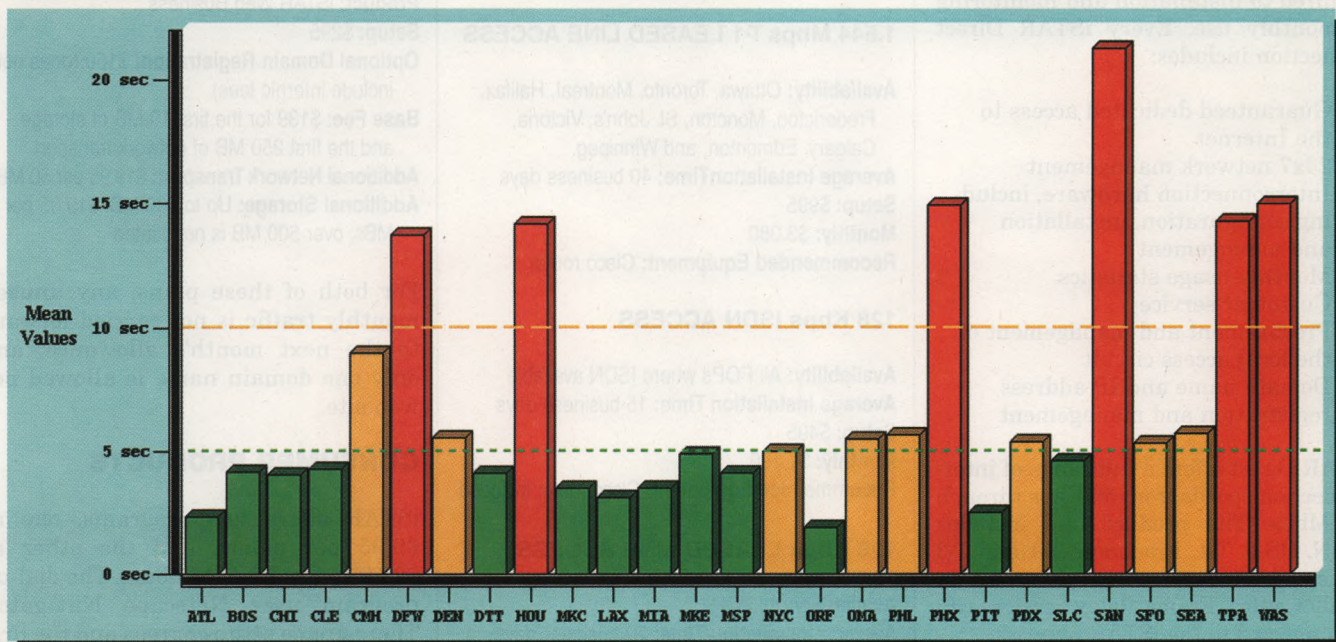
CURRENT BACKBONE ARCHITECTURE

iSTAR is connected to internetMCI via 45 Mbps T-3 in Vancouver and in Toronto. The backbone also connects to ANS at Vancouver and Toronto. The backbone will also be connected to Teleglobe's international network, bringing direct connectivity to Europe, the Pacific Rim, and other overseas loca-

iSTAR

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 65772

AVERAGE: 6.814 sec
DEVIATION: 36.866 sec



tions, and T-3 connectivity to the major U.S. NAPs. Toronto, Ottawa, Montreal, Vancouver, Calgary, Edmonton, Kitchener, London, and Halifax are interconnected using 45 Mbps T-3 lines. Toronto to Vancouver is on ATM service.

The system uses Cisco routers and Sun servers.

Senior Network Architect Engineer:
Brian Dickson
MailTo: brian.dickson@istar.ca

BACKBONE CITIES

The iSTAR backbone connects the following cities with T-1 or T-3 connections:

Calgary
Edmonton
Halifax
Hamilton
Kitchener
Lethbridge
London
Moncton
Montreal
Ottawa
Quebec
Sherbrooke
St. John
Sydney
Toronto
Vancouver
Victoria
Winnipeg
Yarmouth

BUSINESS PRODUCTS

iSTAR Direct is a complete service. The company provides everything from analysis of the type of connection required to installation and monitoring of monthly use. Every iSTAR Direct connection includes:

- Guaranteed dedicated access to the Internet
- 24x7 network management
- Interconnection hardware, including configuration, installation and management
- Monthly usage statistics
- Customer service
- Procurement and management of the local access circuit
- Domain name and IP address registration and management

iSTAR Direct offers a full range of interconnection speeds from 56 Kbps through 10 Mbps. The product line includes ISDN, DS-0, T-1, Fractional T-1 and T-3 dedicated connections. For locations in smaller cities, Frame Relay services can be connected to the iSTAR network.

iSTAR's business services include Intranets for private networks using the Internet, web hosting, design and development services, electronic commerce enabling merchants to conduct secure transactions, security products and services, news and mail services, server hosting, collocation and dial-up access with nationwide roaming capability.

BUSINESS CONTACT INFORMATION

Person: John Stuart,
Person: Branch Manager, Atlantic
Voice: 1-888-GO-ISTAR
Voice: (902) 481-4836
International: (902) 481-4529
Facsimile: (902) 481-4529
Street Address: 201 Brownlow Avenue,
Unit 4, Dartmouth, N.S. B3B-1W2
MailTo: john.stuart@istar.ca
http://www.istar.ca

45 Mbps T-3 CONNECTIONS

Tiered monthly average. Usage-based service on 5 Mbps increments.

Availability: Toronto, Ottawa, Montreal, Vancouver, Calgary, Edmonton, Kitchener, London, and Halifax.

Setup: \$2,995

Monthly:

Bandwidth	Monthly
45 Mbps	\$62,993
40 Mbps	\$55,993
35 Mbps	\$48,993
30 Mbps	\$41,993
25 Mbps	\$34,993
20 Mbps	\$27,993
15 Mbps	\$20,993
10 Mbps	\$13,993
5 Mbps	\$7,693

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: Ottawa, Toronto, Montreal, Halifax, Fredericton, Moncton, St. John's, Victoria, Calgary, Edmonton, and Winnipeg.

Average InstallationTime: 40 business days

Setup: \$995

Monthly: \$3,080

Recommended Equipment: Cisco router

128 Kbps ISDN ACCESS

Availability: All POPs where ISDN available

Average Installation Time: 15 business days

Setup: \$495

Monthly: \$1,190

Recommended Equipment: Cisco router included

128 Kbps LEASED LINE ACCESS

Availability: All POPs

Average Installation Time: 20 business days

Setup: \$995

Monthly: \$1,673

Recommended Equipment: Cisco router included

56 Kbps LEASED LINE ACCESS

Availability: All POPs

Average InstallationTime: 20 business days

Setup: \$995

Monthly: \$791

Recommended Equipment: Cisco router included

WEB HOSTING

iSTAR World Wide Web sites are housed on a high-performance UNIX server with access to the iSTAR T-3 backbone. The ability to add or alter information or files on the site is reserved exclusively for the client and is performed through a specially assigned account.

iSTAR has two web products for businesses. Both products include CGI access and capability, weekly statistics and FTP access. HTML, graphic design, and CGI script creation services can be contracted via iSTAR's design teams.

Product: iSTAR Web Corporate

Setup: \$295

Domain Registration: \$150 (does not include InterNic fees)

Base Fee: \$245 for the first 20 MB of online storage and the first 500 MB of network transport out of the site

Additional Network Transport: \$19.95 per 100 MB

Additional Storage: Up to 500 MB is \$19.95 per 5 MB; over 500 MB is negotiated

Product: iSTAR Web Business

Setup: \$295

Optional Domain Registration: \$150 (does not include internic fees)

Base Fee: \$139 for the first 10 MB of storage and the first 250 MB of network transport

Additional Network Transport: \$19.95 per 50 MB

Additional Storage: Up to 500 MB: \$19.95 per 5 MBs; over 500 MB is negotiated

For both of these plans, any unused monthly traffic is not carried forward to the next month's allowance, and only one domain name is allowed per web site.

CONSUMER PRODUCTS

iSTAR offers two programs, one at \$9.95 per month and the other at \$29.95 with differing hours. The dial-up program uses Netscape Navigator. There are no setup charges and the first

month is free. The product includes a personal web page with 1 MB of storage and 20 MB of data traffic. Call 1-888-GO iSTAR for details on service in a specific locality.

Service: iSTAR Dial

Availability: See Dial-up POP List

Average Install Time: Immediate

Setup: Free

Monthly: \$9.95

Hours Included: 5

Hourly: \$3 per hour

Recommended Equipment: Personal computer and 28.8 kbps V.34 modem

Service: iSTAR Dial

Availability: See Dial-up POP List

Average Install Time: Immediate

Setup: Free

Monthly: \$29.95

Hours Included: 90

Hourly: \$1 per hour

Recommended Equipment: Personal computer and 28.8 kbps V.34 modem

32 iSTAR POINTS OF PRESENCE

Winnipeg	204-947-2604
Calgary	403-263-6405
Edmonton	403-428-4400
Toronto	416-363-2815
Moncton	506-858-1019
Montreal	514-954-1704
Guelph/Hespier	519-651-2475
Guelph/Hespier	519-651-2483
Kitchener/Waterloo	519-745-3807
Vancouver	604-669-8216
Ottawa	613-780-9933
Kingston	613-384-4833
Pembroke	613-732-5401
Halifax	902-494-7726
Bridgewater	902-527-1300
Sydney	902-567-1162
Port Hawkesbury	902-625-1262
Amherst	902-667-4096
Kentville	902-679-2246
Yarmouth	902-742-4547
New Glasgow	902-755-1280
Shubenacadie	902-758-4290
Windsor	902-798-0275
Lawrencetown/Middleton	902-825-6454
Antigonish	902-863-0211
Truro	902-897-0007
Hamilton/Burlington	905-308-7609
Oshawa	905-404-2724
Oshawa	905-404-6691
Hamilton	905-572-7732
Hamilton	905-572-7742
Burlington	905-681-4019

FUTURE EXPANSION PLANS

iSTAR is launching a product titled *Internet in a Crate* that enables the establishment of Internet service provider businesses. The company has built 17 ISPs internationally in the last 12 months. It also setup three cable companies as ISPs in the last six months, and is launching a program to sell Internet in a Crate to new building developers, allowing them to act as ISPs to office tenants in their buildings. ♦

We've got the x2™ Technology you need. Delivering 56 Kbps* over analog lines

Quick access, speedy file transfers, faster downloads. All lead to shorter connect times, more satisfied customers and lower expenses. And it's all possible with the new x2 Technology from U.S. Robotics. Your subscribers can now download information nearly twice as fast as with standard 28.8 modems.

All U.S. Robotics remote access products are easily upgradeable to x2 with a simple software download.



**"x2?
You want your x2?
I got your x2
right here..."**

• **Total Control™ Enterprise Network Hub** is a powerful and flexible chassis-based remote access server. It manages T1, x2, PRI and high density modem integration. It supports ISDN and analog on the same ports.

• **NETServer I-modem™** powerfully integrates x2, v.34, ISDN, management, security and accounting capabilities, as well as remote access functionality, in one compact unit.

• **Modem Pool I-modem™** integrates 8 or 16 U.S. Robotics Courier® V. Everything modems, x2 and ISDN capabilities in one compact unit.

Call now for special pricing.



U.S. Robotics®
The Intelligent Choice in Data Communications

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SOLUNET
Nothing But NETWORKS

*Products are 56 Kbps-capable. However, current regulations limit download speeds to 53 Kbps.

Top Secret



internetMCI

ompano Beach

internetMCI

Washington, DC

HISTORY

The original MCI stood for Microwave Communications Incorporated. It was born in 1963 in Joliet, Illinois as the brainchild of John D. (Jack) Goeken and his associates, a group of mobile radio equipment salesmen. The idea was simple: build a telecommunications system between Chicago and St. Louis using microwave repeaters and sell phone service. In 1959 the FCC had ruled that others could construct private microwave networks. AT&T opposed Goeken on the grounds that he did not have the right to connect to its system. But in 1968, the FCC affirmed the right of individuals to connect private communications systems to the AT&T network. Subsequently the following year the FCC granted MCI construction permits for the Chicago-St. Louis link.

In 1968, Goeken and William G. McGowan founded MICOM which stood for Microwave Communications of America, Inc. McGowan believed that what Goeken hoped to build between Illinois and Missouri could be duplicated all over the U.S. In short, he envisioned a completely new, microwave-based national telephone network that

could provide business customers with quality connections at low cost. In 1971 MICOM was renamed MCI Communications Corporation.

In January 1972, MCI built a working telecommunications service between Chicago and St. Louis, sold stock, received bank credit, and laid ambitious plans for a true nationwide network. The MCI that exists today — MCI Telecommunications Corporation — was incorporated on February 2, 1973.

After nearly a decade of fighting the AT&T monopoly, MCI achieved victory in 1982, when AT&T and the Department of Justice agreed to a divestiture of 22 local operating companies.

MCI's annual revenues increased to more than **\$1 billion** in the first year following divestiture and the company expanded globally. Over the next few years, MCI acquired Western Union International, Inc., and with it, a local presence around the world. It also introduced long-distance connections to Canada and Europe.

As it grew, MCI invested heavily in new technology, pioneering the first commercial deployment of single-mode fiber optic

cable. This new technology promised greater quality, speed, and throughput of data and voice communications. In 1984, MCI offered a new nationwide service called *MCI Mail*. It allowed customers to send electronic messages and print out hard copy via computer terminal and was the precursor to today's enormously popular "e-mail."

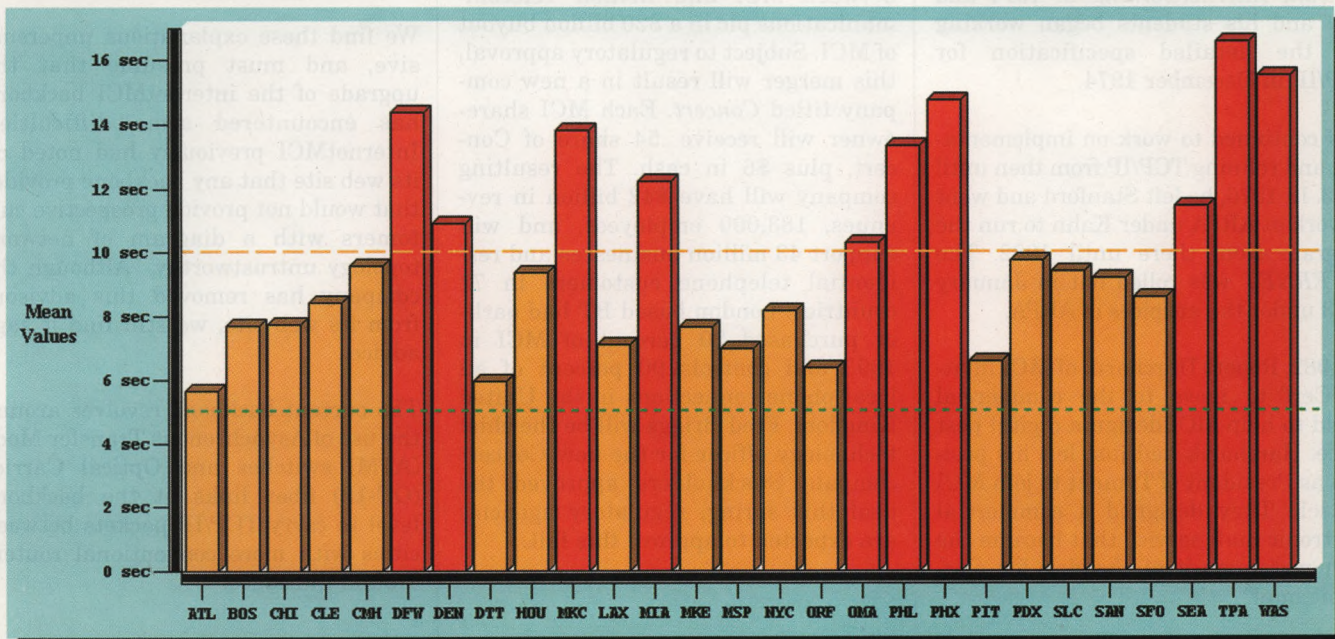
MCI's Internet ties date back to 1987 when MCI, along with IBM and Merit, signed a cooperative agreement with the National Science Foundation (NSF) to provide high-speed fiber optic lines to NSFnet. NSFnet linked the federal government's supercomputer centers to dozens of universities and research centers across the country, thus creating the "backbone" of the Internet.

As the number of NSFnet users increased, so did demand for faster speeds. Now the "backbone" provider of the Internet, MCI has invested heavily to develop and improve this network. Under its "Internet 2000" initiative, MCI responded to record consumer demand for the Internet by tripling capacity and upgrading network speed from 45 to 155 Mbps by the end of April 1996. In November 1996, MCI announced it completed a **\$60 million** upgrade of its

internetMCI

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 61833

AVERAGE: 9.851 sec
DEVIATION: 61.833 sec



backbone, boosting speed to 622 Mbps and adding 13,000 ports.

Integral to MCI's Internet backbone design plans is the work of Dr. Vinton Cerf, Chief Architect of the MCI Backbone.

Cerf graduated from Stanford in 1965 with a bachelor of science degree in mathematics. He went to work at IBM as a systems engineer running the QUIKTRAN timesharing system in 1965. After two years, he returned to school at UCLA in 1967 and pursued his doctorate in Computer Science there — awarded in 1972.

While at UCLA, he worked with Bob Kahn, of Bolt Beranek and Newman in Cambridge, on the host level protocols for the ARPANET. ARPANET was a networking project of the Advanced Research Projects Agency (ARPA) of the Department of Defense. Bob Kahn was the chief ARPANET designer at BBN.

In 1972, Cerf went back to Stanford as a faculty member in the Computer Science and Electrical Engineering departments. Bob Kahn moved to ARPA to head packet data research programs there. It was actually Kahn who first described "internetting" as the process of connecting different types of packet networks together. Cerf worked out the design of what would be termed Transmission Control Protocol and Internet Protocol to accomplish this. Bob Kahn and Vinton Cerf co-authored a paper titled *A Protocol for Packet Network Internetworking* in 1974 and Cerf and his students began working out the detailed specification for TCP/IP in December 1974.

Cerf continued to work on implementation and refining TCP/IP from then until 1982. In 1976, he left Stanford and went to work at ARPA under Kahn to run the program from there until 1982. The *INTERNET* was rolled out in January 1983 under the auspices of ARPA.

In 1982, Robert Harcharik of MCI invited Cerf to move to the commercial world to help MCI design a digital post office. Harcharik had just left his position as President of Tymnet to join MCI himself. They designed a commercial electronic mail service that became the high water mark of the day for electronic mail.

In June 1986, Cerf was invited by Bob Kahn to join him in a new start-up titled the *Corporation for National Research Initiatives* — CNRI. This non-profit research organization focused on technologies of information infrastructure including knowbots, digital libraries, gigabit networks, and interlinking of e-mail systems.

Cerf also founded the Internet Society and ran it until 1995 and headed the Internet Architecture Board (IAB).

Harcharik returned to MCI in 1993 to start a data and information services division. He, along with Bert Roberts and Dick Liebhaver, persuaded Cerf that they were ready to put some major resources into data and information services. Cerf joined MCI as Senior Vice President Data Architecture and is responsible for the architectural design, primarily of Internet and Internet-related applications. His avowed mission is for a zero-packet-loss global backbone. While he does continue to speak and promote the Internet in general, and even continues IAB work on IP version 6, the title at MCI is hardly titular. With a staff of engineers and designers, he continues to map out a global backbone with a capacity based more on his future vision than on current traffic models.

MCI is currently the largest national backbone operator providing connections to Internet service providers with 32 percent of the market. On November 3, MCI announced a merger between MCI and British Telecommunications plc in a \$20 billion buyout of MCI. Subject to regulatory approval, this merger will result in a new company titled *Concert*. Each MCI shareholder will receive .54 share of Concert, plus \$6 in cash. The resulting company will have \$42 billion in revenues, 183,000 employees, and will support 43 million businesses and residential telephone customers in 72 countries. London based BT had earlier purchased 20 percent of MCI in 1993 and controls 90 percent of all local phone connections in the United Kingdom. Fred Briggs will be the chief technology officer for the new Concert company. Stockholders approved the deal this spring; regulatory agencies are expected to approve this fall.

COMPANY DESCRIPTION

CEO: Jerry Taylor
NASDAQ: MCIC
Consumer Subscribers: None
Business Accounts: None
Revenues: \$4.9 billion (IQ97)
Revenue from Internet Related Operations: \$200 million (IQ97)
Earnings: -\$21 million
Total POPs: 475+
Total Dial-up Ports: 300
Employees: 50,000
Office location (Internet): 2100 Reston Pkwy, Reston, VA 22091
Voice: (703) 715-7367
World Headquarters: 1801 Pennsylvania Ave, NW, Washington, DC 20006
MailTo: mciinternet@mci.net
http://www.mci.net;
http://www.internetMCI.com;
http://www.mci.com;
http://mci2000.com

CURRENT BACKBONE ARCHITECTURE

internetMCI last released a backbone diagram in June of 1996. The company has since embarked on a \$60 million upgrade to bring its backbone up to 622 Mbps OC-12 links. This upgrade was completed in November 1996. However, the company has since refused to disclose details of its network in a furtively secretive manner. According to sources within MCI quoting Fred Briggs, the chief technology officer for the network, this is to avoid terrorist incursions on facilities.

Recently the company has added the need to keep competitive advantages secret to its refusal to release a map.

We find these explanations unpersuasive, and must presume that the upgrade of the internetMCI backbone has encountered some difficulties. InternetMCI previously had noted on its web site that any backbone provider that would not provide prospective customers with a diagram of network topology untrustworthy. Although the company has removed this advisory from its web site, we still find it sage advice.

The current backbone revolves around the use of Asynchronous Transfer Mode (ATM) switches and Optical Carrier (OC-12) fiber links at the backbone level to carry TCP/IP packets between cities with more conventional routers around the edges.

The backbone increasingly extends beyond the U.S. borders. MCI recently joined forces with British Telecom in what it calls the Concert joint venture. Concert InternetPlus will combine the substantial existing Internet networks of the two companies into new regional Internet "superhubs." Major international hubs have been established in the United Kingdom, Germany, France, Sweden, Italy, Belgium, Spain, the Netherlands and Switzerland. MCI and BT plan additional Internet hubs in Australia, Asia and the Americas.

MCI appears to be dedicated to reaching a lot of areas through partnering programs. With Intel, MCI recently launched networkMCI WebMaker, an all-in-one package for creating and managing web sites. In addition, the two companies have begun a collaborative effort to deploy enhanced Internet multimedia capabilities and services that will result in a new MCI service with guaranteed Internet bandwidth and latency.

The company has linked up with Microsoft to provide consumer dial-up programs in the United States. But it is also pursuing this concept overseas. In March 1996, MCI announced a partnership program with Videsh Sanchar Nigam Limited, (VSNL), the international telecommunications carrier for India, with three 2 Mbps internetMCI circuits to expand Internet access in India. VSNL had started in August 1995 with a single 64 Kbps link. It expanded this with a 256 Kbps link to Mumbai (Bombay), a 128 Kbps circuit to New Delhi, and another 64 Kbps circuit to Calcutta.

The March expansion extended an individual 2 Mbps circuit to three cities — Mumbai, New Delhi and Bangalore, as well as a 256 kbps circuit to Madras and a 512 kbps circuit to Pune.

MCI also joined with Grupo Financiero Banamex-Accival to form Mexico's internetMCI de Avantel service offering Internet connections from 64 Kbps to 2 Mbps to businesses in Mexico. Businesses in Mexico previously had to lease a line to a U.S. service provider. InternetMCI de Avantel claims to be the first to offer more direct connections.

On March 18, 1996, MCI announced "MCI Internet 2000," a sweeping initiative that includes: tripling the capacity

of its internetMCI network; expanding consumer Internet offerings; and providing more value-added Internet services.

In the first phase of the plan, MCI tripled capacity of its Internet backbone network in April 1996 by upgrading the speed of its network from 45 Mbps to 155 Mbps per second using OC-3 circuits, offering its customers more capacity and higher performance.

MCI also notes it now provides more than 270 Internet direct connections to 70 countries around the world. It maintains a network operations center in Carey, North Carolina.

Senior Network Architect Engineer:

Vinton Cerf

Chief Technology Officer: Fred Briggs

MailTo: (it's a secret)

BACKBONE CITIES

internetMCI maintains major backbone node sites in 19 U.S. cities connected by 622 Mbps OC-12, 155 Mbps OC-3 circuits and in some cases multiple OC-3 circuits.

Connected by 622 Mbps OC-12 circuits:

Atlanta, GA
Dallas, TX
Denver, CO
Downers Grove, IL (Chicago)
Hayward, CA (San Francisco)
North Royalton, OH (Cleveland)
Rialto, CA
Seattle, WA
Washington, DC
West Orange, NJ
Willow Springs, IL (Chicago)

Connected by DS-3 and multiple D-3 circuits:

Boston, MA
Greensboro, NC
Houston, TX
Kansas City, MO
Los Angeles, CA
New York, NY
Pompano Beach, FL (Fort Lauderdale)
Sacramento, CA

internetMCI has major international hub cities in the United Kingdom, Germany, France, Sweden, Italy, Belgium, Spain, the Netherlands, and Switzerland, but of course they are a secret. Through Concert InternetPlus initiative, MCI and BT plan additional Internet hubs in Australia, Asia, and the Americas.

MAJOR PEER INTERCONNECT POINTS

MCI says it has no intention of changing its peering policy in light of UUNET's May 12 announcement that it will no longer accept peering requests from ISPs who cannot route traffic on a bilateral and equitable basis. MCI says it evaluates peering agreements on such things as the ISP's DS-3 network, ability to peer at four spots minimum, and ability to exchange traffic. The company also said that the formation of the Concert with British Telecom should have no effect on its national peering agreements.

internetMCI interconnects at almost all major peer interconnect points. It has announced plans to add MAE-LA, MAE Dallas, and MAE Houston to these interconnects. MCI has direct peering relationships with SprintLink, UUNet, ANS and PSI.

MAE West - San Jose, CA
MAE East - Washington, DC
Ameritech Chicago NAP - Chicago, IL
PacBell San Francisco NAP - San Francisco, CA
Sprint New York NAP - Pennsauken, NJ

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: John Scarborough

Position: Director, Internet Marketing

Voice: (800) 955-6505

International: (703) 715-7367

Facsimile: Secret

MailTo: mciinternet@mci.net

(for dedicated access information)

http://www.mci.com

MCI provides 270 direct connections to 70 countries around the world.

MCI offers five basic levels of business service connection to the Internet under the term internetMCI Access Services.

ISP Sales - The company recently reorganized its sales force creating a separate group for sales to Internet service providers (ISPs). Officials said the company felt that ISPs had special needs that were not being met by its regular sales force and organized a "Carrier Sales Management Team." But some sales staff, perhaps disappointed that lucrative business evaporated or misinterpreting the change, started a rumor that MCI no longer sells to ISPs. The company says that it intended to improve

service at no additional cost. ISPs are a significant revenue stream, and MCI wants this business to continue to grow.

Dial Access - Provides dial connections to the Internet from anywhere in the U.S. internetMCI Dial Access is provided via a toll-free number or local dial numbers at speeds ranging from 9.6 Kbps to 28.8 Kbps. MCI's Dial Access service uses industry standard-based Point-to-Point Protocol (PPP). For more information or to order internetMCI Dial Access call (800) 955-6505.

Dedicated Access - Available for connecting LANs and WANs to the Internet. It provides high-speed connection options, flexibility, and technology to take full advantage of Internet audio and video resources and to perform large file transfers. For more information call (703) 715-7367.

International Direct Connect - Provides an international direct connection to the MCI U.S. Internet network via a dedicated, transoceanic line.

Direct Connect - Provides a direct connection to the MCI Internet Network via a dedicated line between your business and the nearest MCI POP at speeds ranging from 9.6 Kbps to T-3.

HyperStream Frame Relay - A connection to the Internet via MCI's fast packet HyperStream Frame Relay service at speeds ranging from 56 Kbps to T-1.

Pricing and ordering of all internet MCI Access products is handled through a series of regional sales offices. Interestingly, MCI currently has slightly more sales offices than actual Internet points of presence. You can locate one near you at <http://www.mci.com/custsvc/office/indexoffice.shtml>.

The company has adopted a policy that somewhat distorts pricing/availability - in a positive way. Customers for non DS-3 connections pay for local loop to the nearest internetMCI "billing" point of presence. InternetMCI maintains some 500 of these "pricing" POPs. InternetMCI backhauls connections from that point to its major backbone hub nodes at their cost for all connections up to 1.544 Mbps T-1. Higher speed connections are made using mileage-sensitive connections to the backbone.

InternetMCI offers a uniform discount across all direct access connections

based on time. A discount of 15 percent for a one year contract; 17 percent for two years; 20 percent for three years; 22 percent for four years; and 25 percent for five years. Typically, a 1.544 Mbps T-1 line at \$2,300 per month would be discounted to \$1,955 per month on a one year contract.

T-3 CONNECTIONS

internetMCI provides 45 Mbps DS-3 connections and had approximately 65 customers using this service when it last released information. Pricing is based on a tiered service based on actual traffic as measured through statistical sampling performed on a five minute increment. There are seven tiers ranging from \$11,000 per month to \$72,000 per month.

Availability: Nationwide
Average Installation Time: 23 business days
Setup: \$300
Monthly: \$72,000 per month maximum
Recommended Equipment: Digital Link DL-3100; \$5,400 purchase or \$280 monthly lease.

MULTIPLE T-1 LEASED LINE ACCESS

internetMCI offers a multiple T-1 connection for speeds of 3.0, 4.5, and 10.0 Mbps using the DigitalLink DL 3800 device to inverse multiplex multiple T-1 connections. These connections can also be multi-homed to multiple MCI connections or even to a mix of MCI and non-MCI connections.

Availability: POP cities
Average Installation Time: 23 business days
Setup: \$300
Monthly: 3 Mbps at \$6,000, 4.5 Mbps at \$8,000 and 10 Mbps at \$15,000
Recommended Equipment: Digital Link DL-3800; 4 port model for 3 Mbps or 4.5 Mbps connections is \$9,600 purchase or \$370 monthly lease; 8- port model for 10 Mbps link is \$14,000 purchase or \$550 monthly lease.

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: POP cities
Average Installation Time: 23 business days.
Setup: \$300
Monthly: \$2,700
Recommended Equipment: Cisco, Bay Networks, 3Com

512 Kbps LEASED LINE ACCESS

Availability: POP cities
Average Installation Time: 23 business days.
Setup: \$300
Monthly: \$1,900
Recommended Equipment: Cisco, Bay Networks, 3Com

256 Kbps LEASED LINE ACCESS

Availability: POP cities
Average Installation Time: 23 business days
Setup: \$300
Monthly: \$1,600
Recommended Equipment: Cisco, Bay Networks, 3Com

128 Kbps LEASED LINE ACCESS

Availability: POP cities
Average Installation Time: 23 business days
Setup: \$300
Monthly: \$1,100
Recommended Equipment: Cisco, Bay Networks, 3Com

56 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 26 business days.
Setup: \$300
Monthly: \$700
Recommended Equipment: Cisco, Bay Networks, 3Com

128 Kbps ISDN DEDICATED NETWORK CONNECTIONS

ISDN is available through 64 Kbps dial-up connections only for \$5.95 an hour.

WEB HOSTING

Basic Web Hosting Service
Setup: \$500 installation fee
Monthly: \$500 per month
Storage Limitations: 25 MB; Bandwidth equals ¼ of T-1 guaranteed (385 Kbps)

Web hosting has become an increasingly important part of internetMCI's business and the company views its web hosting farms at Pentagon City, Virginia as the "Cadillac of operations." The servers are connected with dual redundant OC-3s. Along with the basic web hosting service or Alpha Web Services, the company offers internetMCI Premium with 50 MB of storage and half of a T-1 connection on a shared server for \$1,000 to \$1,500, which includes e-commerce capabilities, and custom dedicated sites, monitored 7x24, with dynamic multimedia for about \$5,000 on up.

CONSUMER PRODUCTS

CONSUMER/SMALL BUSINESS CONTACT INFORMATION

Person: Harry Lalor
Position: Senior Manager, Internet Marketing
Voice: (800) 550-0927
Facsimile:
MailTo: support@mci2000.com
http: //www.mci2000.com

As part of MCI Internet 2000, the company plans to significantly grow the number of consumers using its Internet access. MCI said it now offers customers free Internet software and a choice of dial-up service options. MCI consumer long-distance customers are eligible to receive five hours of free Internet service per month with each additional hour costing **\$2.50** or unlimited monthly Internet access for **\$19.95**.

MCI's dial-up Internet service is available to customers at modem speeds up to 28 Kbps with customer support available 24 hours. The software and service can be ordered by calling MCI at **1-800-550-0927**.

28.8 Kbps DIAL-UP CONNECTIONS

MCI INTERNET SERVICE

Availability: See 28.8 Kbps dial-up POPs list.

Setup: No charge

Monthly: \$19.95

Hours Included: Unlimited

Toll Free 800 Surcharge: \$5.95 per hour

Recommended Equipment: Any brand 28.8 kbps V.34 modem

Availability: See 28.8 kbps dial-up POPs list.

Setup: No charge

Monthly: \$3

Hours Included: 3

Additional Hours: \$1.80 per hour

Toll Free 800 Surcharge: \$5.95 per hour

Recommended Equipment: Any brand 28.8 kbps V.34 modem

MCI ONE INTERNET

Availability: Offered as part of MCI One service

Setup: No charge

Monthly: \$19.95 unlimited or \$1.50 an hour

Toll Free 800 Surcharge: \$5.95 per hour

Recommended Equipment: Any brand 28.8 kbps V.34 modem

POINTS OF PRESENCE

The list of local cities is continuously being updated. For the latest information on local access numbers, please refer to the MCI web site: <http://www.mci.com/resources/forhome/nfr/local.shtml>.

302 internetMCI Dial-Up

Access Points:

Newark	201-430-2020
Hackensack	201-498-7200
North Bergen	201-583-7060
Morristown	201-898-6280
Washington, DC	202-393-2834
Danbury	203-207-3600
Fairfield	203-255-7200
Stamford	203-326-3600

New Haven	203-603-8100
Hartford	203-692-2000
Bridgeport	203-696-6400
Waterbury	203-759-3900
Birmingham	205-322-4639
Huntsville	205-533-6976
Tuscaloosa	205-553-0627
Everett	206-349-7159
Kent	206-639-7200
Seattle	206-777-7000
Tacoma	206-798-9000
Portland	207-756-7000
Boise	208-333-2520
Merced	209-381-2900
Fresno	209-437-3400
Modesto	209-557-5300
Stockton	209-946-3300
San Antonio	210-354-9928
New York City	212-382-5940
Los Angeles	213-614-7400
Dallas	214-744-7599
Philadelphia	215-440-1160
Cleveland	216-241-0191
Champaign	217-355-2797
Decatur	217-423-5050
Springfield	217-522-9948
Duluth	218-733-1180
South Bend	219-233-1005
Fort Wayne	219-439-0579
Gary	219-882-0120
Frederick	301-624-2480
Hagerstown	301-766-3500
Wilmington	302-576-8230
Dover	302-672-5660
Denver	303-363-2680
Boulder	303-402-4840
Wheeling	304-231-1100
Charleston	304-342-0104
Fort Lauderdale	305-463-1659
Miami	305-651-4444
Casper	307-261-9240
Cheyenne	307-633-2580
Peoria	309-676-9573
Bloomington	309-829-6811
Whittier	310-464-4040
El Segundo	310-725-9300
Long Beach	310-989-7420
Chicago	312-565-7000
Ann Arbor	313-213-0508
Detroit	313-230-1001
St. Louis	314-631-7693
Syracuse	315-424-7430
Wichita	316-337-8500
Muncie	317-282-0349
Kokomo	317-456-1423
Indianapolis	317-639-5829
Lafayette	318-289-0245
Lake Charles	318-475-9946
Shreveport	318-673-2250
Cedar Rapids	319-298-5200
Iowa City	319-337-0460
Davenport	319-388-3180
St. Cloud	320-202-2240
Canton	330-430-1100
Youngstown	330-799-7038
Montgomery	334-409-0451
Mobile	334-432-1793
Opelika	334-705-0131
Gainesville	352-334-7165
Bremerton	360-415-6160
Olympia	360-754-5570
Providence	401-621-6900
Island Newport	401-845-2900
Lincoln	402-475-0513

Omaha	402-573-2080
Atlanta	404-827-0079
Oklahoma City	405-491-0233
Billings	406-238-4780
Orlando	407-426-8488
West Palm Beach	407-471-5655
Melbourne	407-723-7814
San Jose	408-535-7800
Monterey	408-657-5100
Santa Cruz	408-661-4900
Bryan	409-823-3577
Salisbury	410-341-0300
Annapolis	410-349-0720
Baltimore	410-962-5308
Pittsburgh	412-565-3150
Greensburg	412-850-7570
Amherst	413-256-2000
Springfield	413-730-6900
Milwaukee	414-390-0805
Green Bay	414-405-1040
Racine	414-635-9300
Kaukauna	414-766-9900
Appleton	414-993-1568
Redwood City	415-482-2900
San Francisco	415-908-4600
Springfield	417-832-1300
Lima	419-222-4513
Toledo	419-241-3046
Knoxville	423-522-4900
Chattanooga	423-752-1330
Johnson City	423-854-8706
Little Rock	501-227-6633
Pine Bluff	501-536-3400
Fort Smith	501-785-4444
Louisville	502-582-2220
Portland	503-225-6450
Salem	503-540-5400
Orleans	504-586-1010
Baton Rouge	504-924-1708
Santa Fe	505-438-3500
Albuquerque	505-764-2300
Rochester	507-280-5160
Easton	508-230-1900
Lawrence	508-557-0900
Fall River	508-646-7600
Framingham	508-766-5000
Marlboro	508-787-0300
Salem	508-825-2300
Worcester	508-890-1300
Yakima	509-574-5140
Spokane	509-744-1680
Oakland	510-446-1800
Pleasanton	510-461-8300
Fremont	510-492-0300
Walnut Creek	510-974-9500
Corpus Christi	512-299-0430
Austin	512-433-1959
Dayton	513-224-5655
Springfield	513-390-9140
Cincinnati	513-929-0057
Des Moines	515-323-5080
Long Island	516-227-3580
Lake Grove	516-468-1680
Lansing	517-267-0039
Saginaw	517-755-9900
Jackson	517-796-9901
Albany	518-427-2570
Tucson	520-617-1900
Roanoke	540-857-5800
Eugene	541-431-4450
Boca Raton	561-241-6775
Port St. Lucie	561-462-0420
Jackson	601-354-3125
Meridian	601-693-1381

Gulfport	601-864-2342
Phoenix	602-605-1900
Nashua	603-578-3200
Manchester	603-621-8000
Sioux Falls	605-373-3600
Lexington	606-226-5100
Binghamton	607-762-1300
Madison	608-245-4060
Princeton	609-279-2100
Atlantic City	609-340-4980
Trenton	609-777-5700
Coatesville	610-384-5252
Allentown	610-774-9808
Reading	610-779-5858
Minneapolis	612-904-2200
Columbus	614-222-8805
Nashville	615-736-9579
Kalamazoo	616-226-5570
Grand Rapids	616-451-4722
Battle Creek	616-660-1707
Saugus	617-231-8900
Boston	617-292-9400
Waltham	617-672-0800
Lexington	617-676-7400
Quincy	617-774-6600
Randolph	617-986-4900
San Diego	619-235-1300
Palm Springs	619-416-5200
Escondido	619-781-5900
Oceanside	619-966-6200
Glenn Ellyn	630-790-6620
Aurora	630-844-0112
Bismark	701-221-4160
Fargo	701-234-1600
Reno	702-324-0640
Las Vegas	702-382-3888
Asheville	704-254-1681
Charlotte	704-344-8916
Athens	706-357-9260
Columbus	706-641-0036
Augusta	706-723-0070
Napa	707-256-0900
Vallejo	707-556-0400
Santa Rosa	707-569-7700
Sioux City	712-252-6300
Houston	713-651-0222
San Clemente	714-248-5000
Santa Ana	714-560-7000
Eau Claire	715-830-9800
Rochester	716-251-7900
Buffalo	716-843-2400
Wilkes Barre	717-283-8220
Lancaster	717-581-5340
Harrisburg	717-720-1080
York	717-855-1050
Scranton	717-969-4070
Colorado Springs	719-386-1660
Provo	801-342-4740
Salt Lake City	801-553-7000
Ogden	801-622-8480
Burlington	802-652-2300
Columbia	803-252-1827
Myrtle Beach	803-626-9573
Florence	803-669-1141
Charleston	803-722-4808
Norfolk/VABeach	804-622-9629
Richmond	804-649-0523
Lynchburg	804-832-7220
Charlottesville	804-984-8040
Santa Maria	805-347-4680
San Luis Obispo	805-593-3900
Ventura	805-676-5200
Bakersfield	805-861-7100
Santa Barbara	805-957-2280

Amarillo	806-337-1150
Lubbock	806-740-3560
Honolulu	808-566-0093
Southfield	810-208-8540
Troy	810-619-0237
Flint	810-742-2379
Pontiac	810-858-8410
Terre Haute	812-235-6777
Evansville	812-425-3027
Tampa	813-209-4300
Clearwater	813-562-0120
Erie	814-453-5000
Altoona	814-944-4930
Joliet	815-726-0289
Rockford	815-963-9900
Kansas City	816-252-0184
Waco	817-757-6600
Fort Worth	817-884-9102
Burbank	818-557-6100
San Fernando	818-758-4100
Palatine	847-202-4390
Highland Park	847-433-2055
New London	860-572-2907
Norwich	860-859-5900
Anderson	864-224-2038
Greenville	864-235-1377
Spartenburg	864-515-0042
Memphis	901-761-1499
Longview	903-234-4760
Texarkana	903-794-7200
Daytona Beach	904-252-6765
Pensacola	904-455-3438
Valparaiso	904-729-0433
Panama City	904-747-1184
Jacksonville	904-791-9088
Tallahassee	904-942-1624
Rahway	908-283-7447
New Brunswick	908-843-6746
Red Bank	908-933-8600
Pomona	909-397-8140
San Bernardino	909-421-3300
Greensboro	910-333-2279
Wilmington	910-392-5262
Fayetteville	910-485-7973
Winston-Salem	910-722-0650
High Point	910-885-7725
Albany	912-430-7172
Savannah	912-651-8900
Macon	912-752-8096
Topeka	913-368-9704
Kingston	914-334-2220
White Plains	914-397-8200
Poughkeepsie	914-486-7370
El Paso	915-585-6350
Abilene	915-738-0250
Redding	916-242-9300
Sacramento	916-375-3200
Marysville	916-821-5000
Chico	916-899-4900
Tulsa	918-582-1270
Rocky Mount	919-442-7077
Durham	919-572-6600
Raleigh	919-876-5252
Chapel Hill	919-929-4979
Greenville	919-931-0061
Naples	941-261-6241
Fort Meyers	941-332-7853
Sarasota	941-362-9891
Lakeland	941-551-9506
Grand Junction	970-256-3600
Ft. Collins	970-282-6300
Greeley	970-346-2040

FUTURE EXPANSION PLANS

The company says it plans to upgrade its entire backbone to OC-48 (622 Mbps) by 1998. MCI plans to spend \$15 million to \$25 million in 1997 as it progresses through OC-3, OC-12 toward OC-48. MCI's customer base is growing at an enormous rate and the company will upgrade based on network traffic, company officials said. That expansion could mean capital expenditures of \$90 million or more in 1998 based on the customer projections.

With the advent of the Concert with British Telecom, internetMCI is planning to develop globally mirrored web sites. Company officials said web hosting has become an increasingly important part of the revenue pie and to maintain that growth it plans mirrored sites along the Pacific Rim and in Europe. It also expects that it will be developing a new spectrum of web management and security applications as well as enhanced communication applications for video and audio.

MCI, British Telecom and NTT DATA Corporation of Japan will launch a trial Concert Internet Dial Roaming Service, a new value-added offering from MCI's and BT's Concert Communications Services that will allow customers to access the Internet in both the U.S. and Japan via a single registration. The service will initially be available between Japan and the U.S. beginning in the second quarter of 1997, with a planned rollout of full service to include the UK and other key markets in the fourth quarter of 1997.

Concert Internet Dial Roaming Service provides connectivity for a variety of applications, including File Transfer Protocol (FTP), e-mail and access to the World Wide Web. Concert Internet Dial Roaming will utilize MCI's and BT's worldwide managed Internet network, that currently supports Concert InternetPlus Service, together with the domestic MCI, BT and NTT DATA Internet services. ♦

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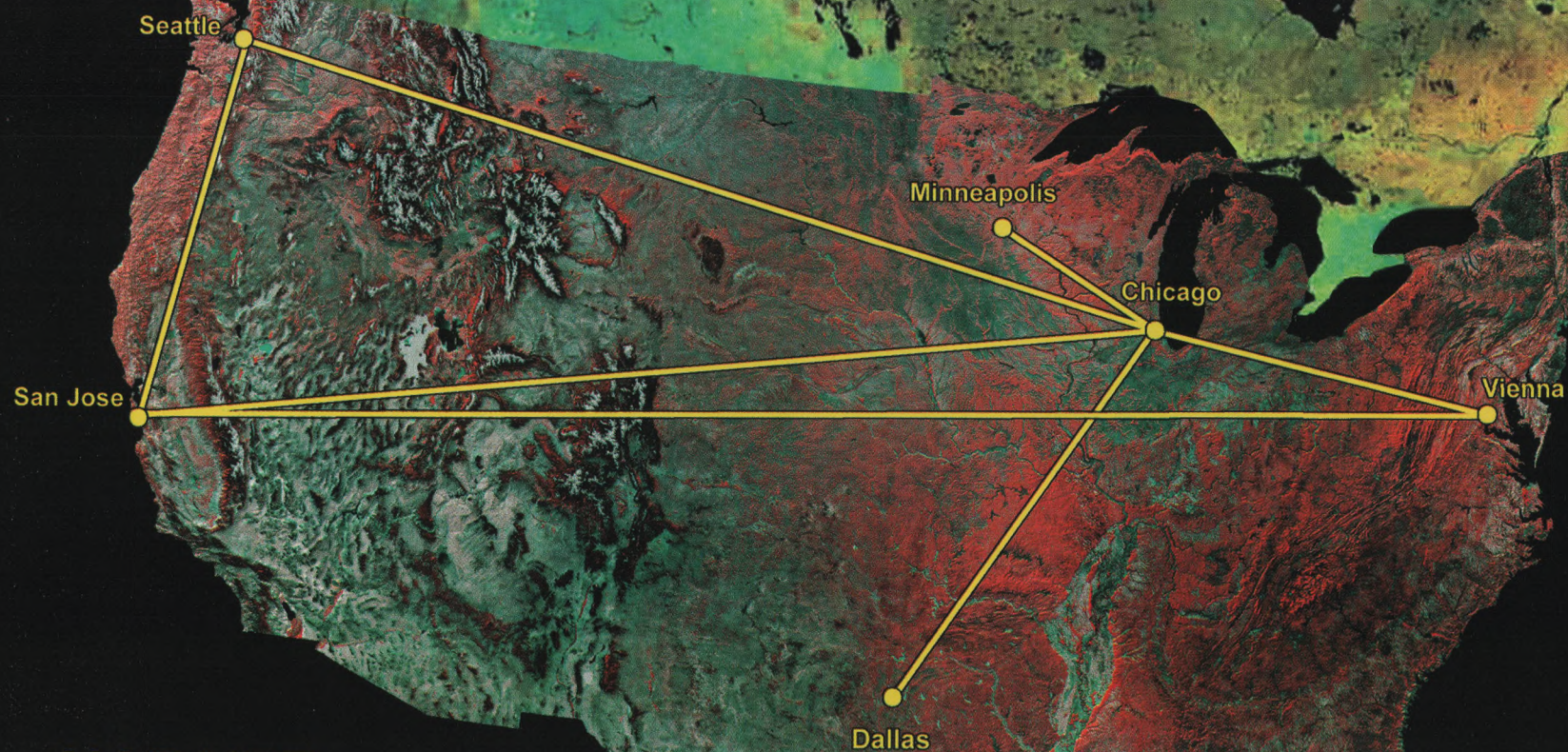
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NAP.NET
45 Mbps DS-3
ATM Backbone

Nap.Net, LLC

Milwaukee, Wisconsin

HISTORY

Founded in July 1995 with three employees, Nap.Net, LLC intended to provide Internet connectivity to Internet service providers in the Chicago and Milwaukee metropolitan areas. The company began selling connectivity in October of that year, and within a month it had sold out its capacity. After hardware upgrades and five months of increasing demand, Nap.Net began implementation of its national backbone. Nap.Net is now the dominant network service provider for the Chicago Network Access Point (AADS NAP).

Nap.Net does not serve the consumer dial-up market, and attributes its growth to avoiding competition with its customers — ISPs. The company focuses on providing Internet access connections and services to local, regional and national ISPs, content providers, web hosting organizations and university consortiums.

It also serves markets in Washington, DC; San Jose, California; Dallas, Texas; and Seattle, Washington. Through Seattle, Nap.Net serves British Colum-

bia, Canada, as well. In cases where Nap.Net does not have a POP, access is provided using LDDS/WorldCom ATM and Frame Relay networks.

The Bechtel Corporation purchased Nap.Net this spring. Neither company would provide any details of the purchase. Founded in 1898, Bechtel has provided telecommunications, engineering, construction, and related management services on more than 15,000 projects in 140 countries on all seven continents. Bechtel also owns Genuity, another backbone operator.

COMPANY DESCRIPTION

CEO: Michael Powell
Stock exchange: Privately Held
Business accounts: 60+
Revenues: \$3.5 million
Earnings: None
Total POPs: 5
Employees: 15
Office location: 5007 S. Howell Ave., Milwaukee, WI 53207
Voice: (414) 747-8747 or (800) 958-2945
International: (414) 747-8747
Facsimile: (414) 747-8778
24-hour network operations center: (800) 801-3920, noc@nap.net
MailTo: sales@nap.net
http: www.nap.net

CURRENT BACKBONE ARCHITECTURE

Nap.Net utilizes the LDDS/WorldCom ATM network for its primary network backbone. Nap.Net interfaces with the LDDS/WorldCom backbone via one or more DS-3s, using Fore ATM switches at each location. Connected to the FORE ATM switches via OC-3 interfaces are Core and Edge routers for each POP. Each POP also maintains a backup FDDI ring for redundancy and emergency use.

Nap.Net uses Cisco 7500 series routers and Bay BCN routers in the production network. It is testing additional routers including Bay, Ascend/NetStar, and Proteon for possible internal use or as recommended equipment for customers.

Senior Network Architect

Engineer: Chris A. Icade
MailTo: chris@nap.net

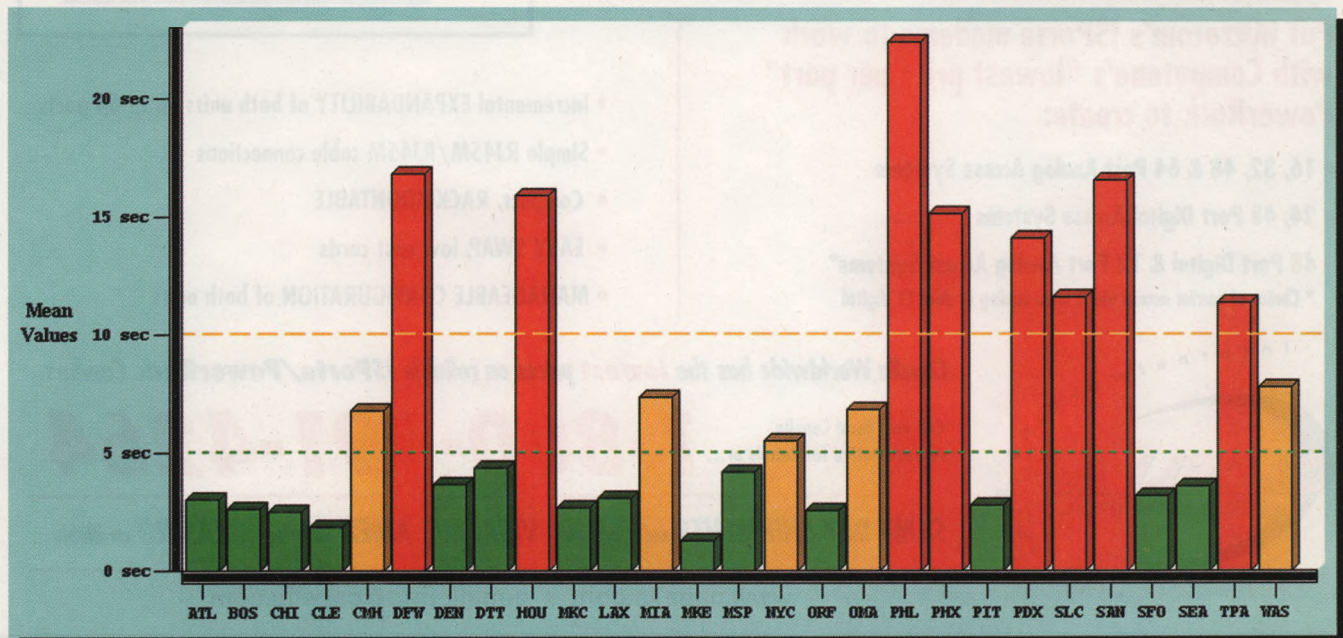
U.S. BACKBONE CITIES

Chicago, IL
 Dallas, TX
 Minneapolis, MN
 San Jose, CA
 Seattle, WA
 Vienna, VA

NapNet

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 72259

AVERAGE: 7.223 sec
 DEVIATION: 47.785 sec



MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Washington, DC (Direct FDDI)
MAE West - San Jose, CA (Direct FDDI)
Ameritech Chicago NAP- Chicago, IL (OC-3)

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: Randy Adamski
Voice: (414) 747-8747
Facsimile: (414) 747-8778
MailTo: randy@nap.net or sales@nap.net
http://www.nap.net

Discounts are available for contracts over one year.

45 Mbps T-3 LEASED LINE ACCESS-ATM

Availability: All POPs
Average Installation Time: Ten business days after transport/delivery
Setup: \$10,500 (Setup charges are partial prepayment for the final month)
Monthly: \$27,000
Recommended Equipment: Cisco 7500, 7000, 4700, Bay-BCN, BLN routers, Fore and Cisco ATM switches

1.544 Mbps T-1 FRAME RELAY ACCESS

Availability: All POPs
Average Installation Time: Five business days after transport/delivery
Setup: \$1,400 (Setup charges are prepayment for the final month)
Monthly: \$2,000
Recommended Equipment: Any Cisco, Bay, Proteon router and Adtran or Kentrox CSU/DSU. If dual-homed, router must support BGP4.

ETHERNET ACCESS

Availability: All POPs
Average Installation Time: Five business days after transport/delivery
Setup: \$4,200 (Setup charges are prepayment for the final month)
Monthly: \$4,500
Recommended Equipment: Any Cisco, Bay, Proteon router

CONSUMER PRODUCTS

None.

POINTS OF PRESENCES

Chicago, IL	312-946-xxxx
San Jose, CA	408-975-xxxx
Vienna, VA	703-506-xxxx
Seattle, WA	206-728-xxxx
Dallas, TX (currently a spur, awaiting space)	214-748-xxxx
Minneapolis, MN	projected

FUTURE EXPANSION PLANS

The company plans to add one city every four months with the cities to be determined by customer demand. Nap.Net is also beta-testing LDDS/WorldCom's FRASI product (Frame Relay to ATM). If the tests are successful, Nap.Net plans to utilize this product as well as other traditional telco products to connect users to its network nationwide.

Nap.Net is currently involved in developing private peering between itself and other major national networks. ♦

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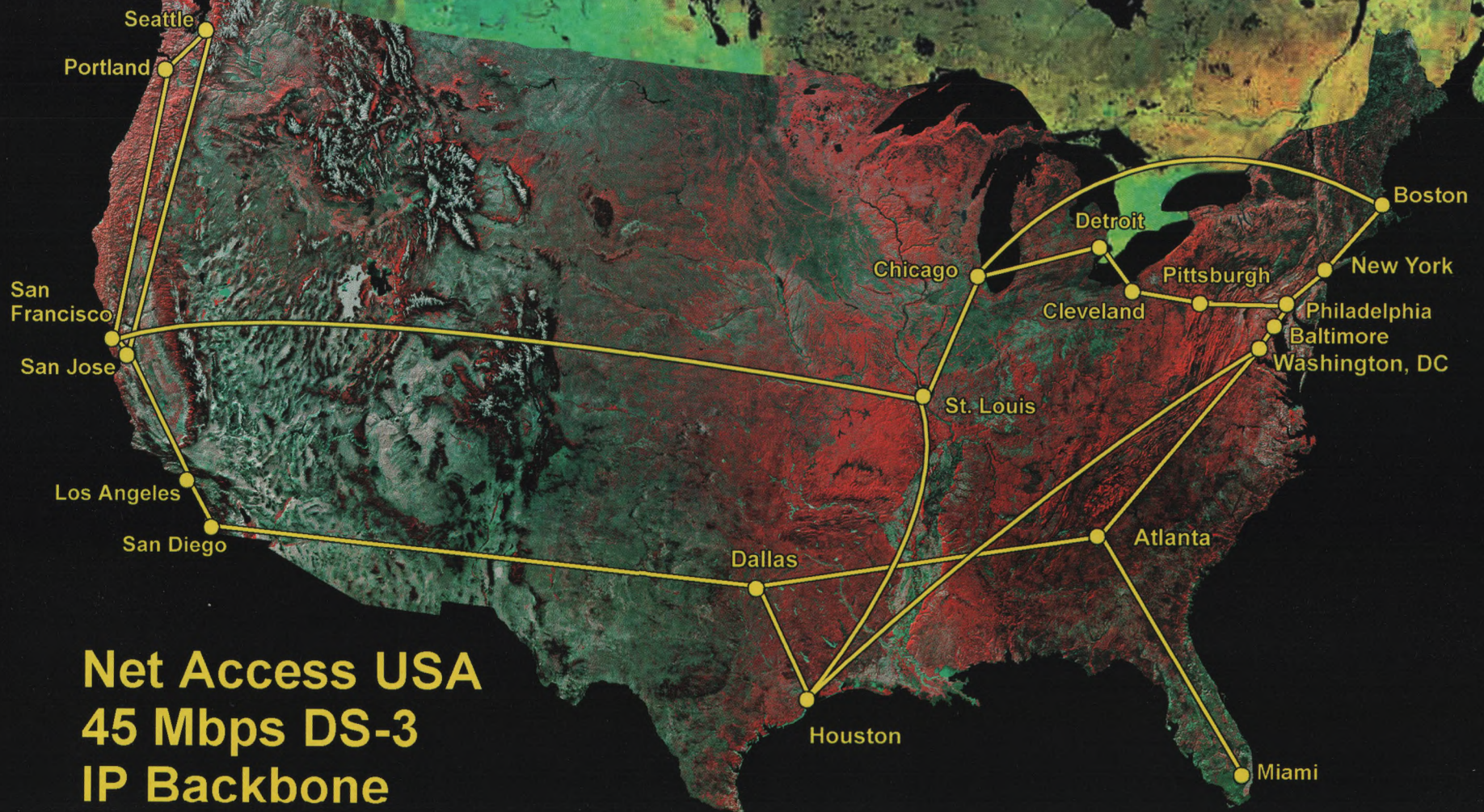


COMPAQ

digital



US Robotics



Net Access USA
45 Mbps DS-3
IP Backbone

Net Access USA

Glenside, Pennsylvania

HISTORY

Net Access USA formed in March 1997 to serve the backbone connection needs of Internet service providers and other technically-advanced Internet users throughout the nation. The company is a national expansion of Net Access, the Philadelphia-based regional backbone provider founded by Avi Freedman that has been providing commercial Internet connectivity since 1992 and dedicated connectivity to Pennsylvania, New Jersey and Delaware ISPs since mid-1994.

In addition to new and existing ISPs looking for primary connectivity, Net Access also assists ISPs who wish to become multi-homed. CEO Avi Freedman writes a regular *Boardwatch Magazine* column which deals with IP and routing issues, and Net Access has many informational resources available at <http://noc.netaxs.com> that deal with multi-homing and growing your ISP. Alex Yuriev, the chief technical officer, is a regular speaker and tutor at Internet technology conferences.

Net Access is headquartered in Glenside, Pennsylvania. Its network operations center in Philadelphia is staffed 24x7 with a minimum of two engineers available at all times. The company also offers collocation services to ISPs and web-service companies at its facilities in Philadelphia, Washington DC, New York City, and Santa Clara, California.

To enhance reliability, all leased-line customers of Net Access are encouraged to take advantage of Net Access' free Frame Relay backup service. Under the plan, any customer can obtain a 56 Kbps private virtual circuit (PVC) to Net Access' network via either a local or long-distance Frame Relay provider and Net Access will configure that PVC to automatically back up the customer's leased-line if it should fail.

The Net Access News Transfer Server has been in the top 50 of the Freenix Top 1,000 list for six months. News and backup DNS services are free to all Net Access leased-line customers. Net Access also offers free news-reading capability for 10 simultaneous news

readers; additional charges apply for additional simultaneous users.

The company offers dial-up connectivity only in the Philadelphia region, and has no plans to expand its dial-up business.

COMPANY DESCRIPTION

CEO: Avi Freedman
Stock Exchange: Privately held
Consumer Dial-up Accounts: None
Business Dedicated Access Accounts: None
Annual Revenues From Internet Related Operations: None
Total POPs: 20
Total Dial-up Ports: N/A
Number of Employees: 15
Street Mailing Address: PO Box 502, Glenside, PA 19038
Voice Telephone: (215) 576-5729
Facsimile: (215) 576-5820
24-Hour NOC Telephone: Unknown
MailTo: sales@netaxs.net
<http://www.netaxs.net>

CURRENT BACKBONE ARCHITECTURE

The Net Access USA backbone network uses traditional IP routing and presently consists of 20 DS-3-connected core POPs nationwide. POPs use a mixture of Cisco 7505s and Cisco 7206s. Multiple routers are used, where possible, to reduce the effect of a single router's failure. The company offers connectivity via the Worldcom Frame Relay and ATM networks in areas not readily accessible to its core POPs.

Senior Network Architect Engineer: Alex Yuriev
MailTo: alex@netaxs.net

BACKBONE CITIES

Atlanta	Los Angeles	San Francisco
Baltimore	Miami	San Jose/
Boston	New York	Santa Clara
Chicago	Philadelphia	Seattle
Cleveland	Pittsburgh	Washington, DC
Dallas	Portland	
Detroit	St. Louis	
Houston	San Diego	

MAJOR U.S. PEER INTERCONNECT POINTS

MAE East - Vienna, VA
 MAE West - San Jose, CA
 Sprint New York NAP - Pennsauken, NJ

Ameritech Chicago NAP - Chicago, IL
 PacBell San Francisco NAP - San Francisco, CA
 CIX - Palo Alto, CA

BUSINESS CONTACT INFORMATION

Position: Sales
Voice: (215) 576-5729
Facsimile: (215) 576-5820
MailTo: corp@netaxs.net
<http://www.netaxs.net>

45Mbps T-3 Leased Line Access

Availability: Core POP cities
Average Install Time: 30-45 Days
Setup: \$7,500
Monthly:

3 Mbps	\$3,000
6 Mbps	\$4,500
10 Mbps	\$6,000
22 Mbps	\$12,000
34 Mbps	\$15,000
45 Mbps	\$18,000

Recommended Equipment: Cisco 7200 or 7500, any non-Larscom T-3 CSU/DSU

1.544Mbps T-1 Leased Line Access

Availability: All core POP cities; most other cities via Witel Frame.
Average Install Time: 30 Days
Setup: \$2,250
Monthly:

128 Kbps	\$800
1.544 Mbps	\$1200

Recommended Equipment: Cisco 2501, T-1 CSU/DSU

56 Kbps Leased Line Access

Availability: All core POP cities; Most other cities via Witel Frame.
Average Install Time: 30 Days
Setup: \$1,250
Monthly: \$ 400
Recommended Equipment: Cisco 2501, 56K CSU/DSU

Basic Web Hosting Service

Setup: \$1,000
Monthly: \$800
Storage Limitations: 1.544 Mbps delivered over Ethernet; customer supplies server.

FUTURE EXPANSION PLANS

Net Access USA plans to focus on expanding its presence in its initial cities over the first six months of operation. ♦

San
Francisco
Palo Alto

Chicago

New York
Pennsauken
Baltimore
Washington, DC

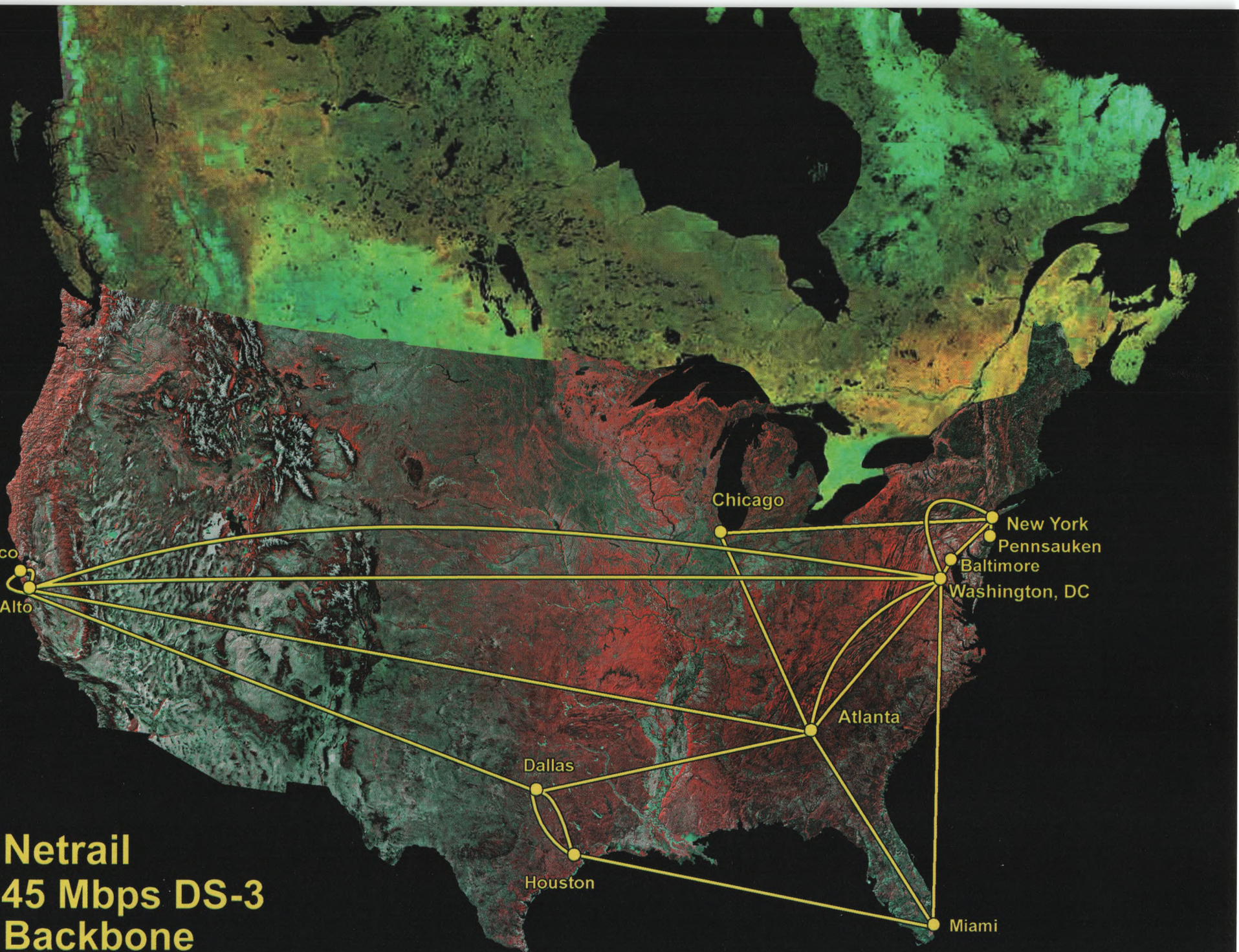
Atlanta

Dallas

Houston

Miami

Netrail
45 Mbps DS-3
Backbone



Netrail

Atlanta, Georgia

HISTORY

Nathan Stratton opened Netrail Incorporated on July 5, 1994 to provide Internet services to the greater Washington, DC metropolitan area. The company grew rapidly and by August 1996 built a nationwide network.

To allow Internet service providers to exchange data locally in the southeast rather than back-haul the transfers to Washington or Chicago, Netrail created a network access point (NAP) in Atlanta, Georgia. In January 1997, Netrail opened the Atlanta NAP. Netrail says the response to the NAP has been tremendous, and the company has received commitments from many other backbone providers to establish a presence at the Atlanta NAP.

Stratton noticed that many other providers claimed to upgrade network links when they were over 30% utilized. When customers asked for this data, however, it was not provided. Stratton believed that even if providers offered a clear channel — DS-3, ATM, Frame Relay, or OC-3 — to a backbone, what really mattered was how clogged the links were. To provide customers and potential customers with this information, Netrail takes samples of its backbone links and NAP connections every

two seconds. Every 24 hours Netrail creates graphs of this information. These network performance information graphs can be accessed 24 hours a day by anyone with a browser at <http://www.netrail.net/graphs>.

COMPANY DESCRIPTION

CEO: Nathan Stratton
Stock Exchange: Privately held
Consumer dial-up accounts: None
Business dedicated access accounts: 240
Annual revenues from Internet-related operations: None
Total POPs: 7
Total dial-up ports: Dedicated access only
Number of employees: 17
Office location: Atlanta, GA
Street mailing address: 230 Peachtree Street NW, Atlanta, GA 30203
Voice : (888) NET-RAIL
Facsimile: (404) 522-1939
NOC telephone: (404) 522-1234
MailTo: sales@netrail.net
http: //www.netrail.net

CURRENT BACKBONE ARCHITECTURE

NetRail announced on February 19, 1997 an agreement with Ascend Communications, Inc. for the purchase of GRF 1600 IP Switches. With the GRF 1600,

NetRail plans to increase its backbone speed to OC-3 levels (155 Mbps).

Netrail operates a nationwide clear channel DS-3 network, with each backbone link terminating into a Cascade 9000 intelligent routing switch. The switches are connected to Ascend Netstar GRF 1600 high-speed routers with redundant HSSI connections. The network is monitored 24x7 by the company's network operations center in Atlanta. All Netrail POPs are environmentally controlled and backed up by UPS systems. External maintenance wrap-around systems security is maintained 24x7 via a video surveillance system and access to customers is available with a digital card key.

Senior Network Architect Engineer:

Nathan Stratton

MailTo: nathan@netrail

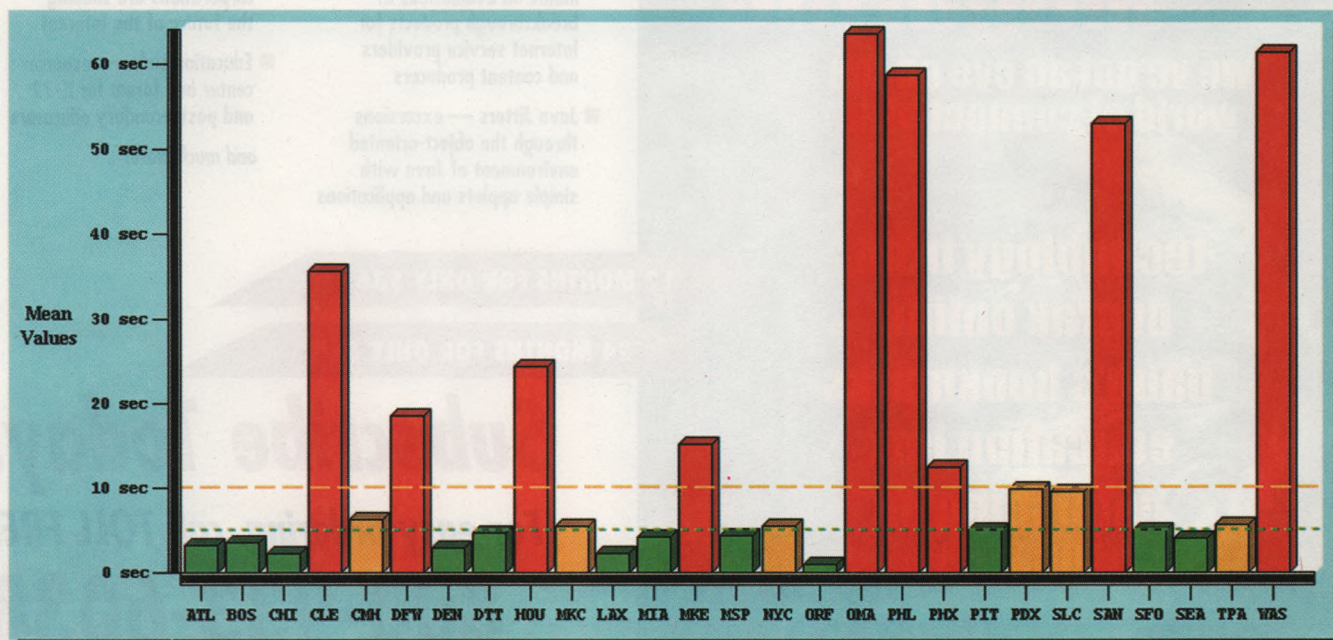
MAJOR U.S. BACKBONE CITIES

Atlanta, GA
 Baltimore, MD
 Chicago, IL
 Miami, FL
 New York, NY
 Palo Alto, CA
 Washington, DC

NetRail

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 67077

AVERAGE: 12.833 sec
 DEVIATION: 78.065 sec



MAJOR U.S. PEER INTERCONNECT POINTS

Pac Bell San Francisco NAP - San Francisco, CA
Ameritech Chicago NAP - Chicago, IL

BUSINESS PRODUCTS

Business Connectivity Contact

Person: Thomas Lion
Position: Vice President Marketing and Sales
Voice: (888) NETRAIL
Facsimile: (404) 522-1939
MailTo: tlion@netrail.net
http://www.netrail.net

100 Mbps FAST ETHERNET

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$2,000
Monthly: \$10,000

45 Mbps LEASED LINE ACCESS

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$4,000
Monthly: \$20,000

10 Mbps ETHERNET

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$2,000
Monthly: \$3,000

1.54 Mbps T-1 LEASED LINE

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$2,500
Monthly: \$2,000

T-1 FRAME RELAY

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$500
Monthly: \$800

56 Kbps LEASED LINE

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$2,000
Monthly: \$400

56 Kbps FRAME RELAY SERVICE

Availability: Arlington, New York, Chicago, Atlanta, Miami, San Francisco, and Palo Alto
Average Installation Time: 7 to 14 business days
Setup: \$1,000
Monthly: \$1,000 to \$50,000
Recommended Equipment: Cisco, Cascade, or GRF

128 Kbps ISDN DEDICATED NETWORK CONNECTIONS

Availability: All POPs
Average Installation Time: 14 business days
Setup: \$500
Monthly: \$300

WEB HOSTING

Basic Web Hosting Service

Setup: \$200
Monthly: \$100
Storage Limitations: 1 GB of transfers per month.

CONSUMER PRODUCTS

28.8 Kbps DIAL-UP CONNECTION

Availability: All POP cities
Average Installation Time: Immediate
Setup: \$24
Monthly: \$22
Includes: 6 hours a day Internet access and 6MB web page storage
Additional Hours: \$2
Additional Web Page Storage Memory: \$1.50 per MB
Recommended Equipment: 28.8 Kbps modem
Other services available at nominal fees.

COLLOCATION

Netrail offers collocation in all of its POPs for \$500 per month for each 19-inch by 7-foot rack.

FUTURE EXPANSION PLANS

Netrail plans to expand its services into 22 new cities in 1997. Netrail also plans to provide voice and video transport services in the third quarter of 1997. ♦



Boardwatch Magazine

we've got an eye on the world of connectivity

technology front

ivorak online

babb's bookmarks

education link

publishing on the web

- Publishing on the Web — detailed HTML tutorials, including source code on everything from implementing security to adding a video camera to your web site
- Technology Front — hands-on evaluations of breakthrough products for Internet service providers and content producers
- Java Jitters — excursions through the object-oriented environment of Java with simple applets and applications

- Consummate Winsock Apps — half a dozen of the best Winsock applications released each month
- Cyberworld Monitor — investigative reports of how government and corporations are shaping the future of the Internet
- Education Link — resource center and forum for K-12 and postsecondary educators and much more!

12 MONTHS FOR ONLY \$36

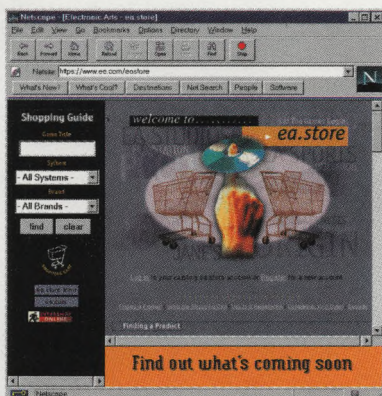
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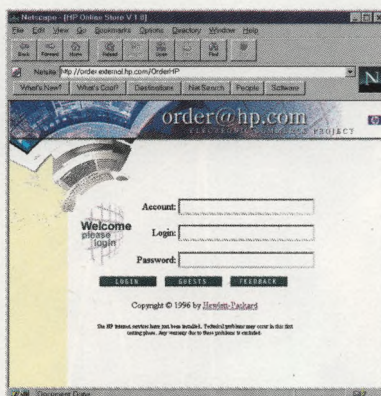
For easy ordering, call TOLL FREE

800-933-6038

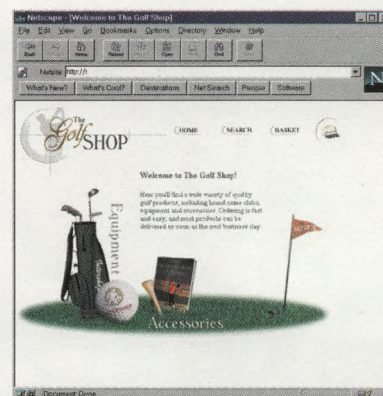
Imagine expanding your **b**usiness on the **I**nternet...



seamlessly...



efficiently...



under budget.

INTERSHOP Communications has been developing Internet business solutions since 1994.



From providing powerful business-to-business systems for Fortune 500 corporations to Internet storefronts for small companies,

INTERSHOP Communications, Inc. has gained unparalleled experience in electronic commerce and Internet marketing. The INTERSHOP Electronic Commerce Suite includes the turn-key applications INTERSHOP Online 2.0 and INTERSHOP Mall 1.0 that help you set-up and manage web-based commerce business activities.

control...

Because the Internet is a new distribution channel doesn't mean intermediaries like web developers or internet service providers have to take over business operations. INTERSHOP gives all the control directly to marketers. Thanks to INTERSHOP's remote management capabilities

via any web browser and an intuitive interface, operators don't need to be computer experts to use INTERSHOP technology, they can focus on the business.

connectivity...

Selling products or services on the Internet is an extension of your existing business, not a separate activity on the side. Our software is designed to integrate with existing legacy systems. With its robust SQL database and ODBC connectivity, INTERSHOP will link to your accounting software, your warehouse or product inventory system.

professional features...

INTERSHOP Technology offers the strongest functionality in turnkey applications: Customer tracking, storefront management, order fulfillment, merchandising tools...the most demanding professionals will find all the tools and processes they need to conduct their business effectively on the Internet.



October 1996
"Best of Show"



April 1997
"Best of Byte"



April 1997
"Best of Class"



January 1997
"Rated Best"

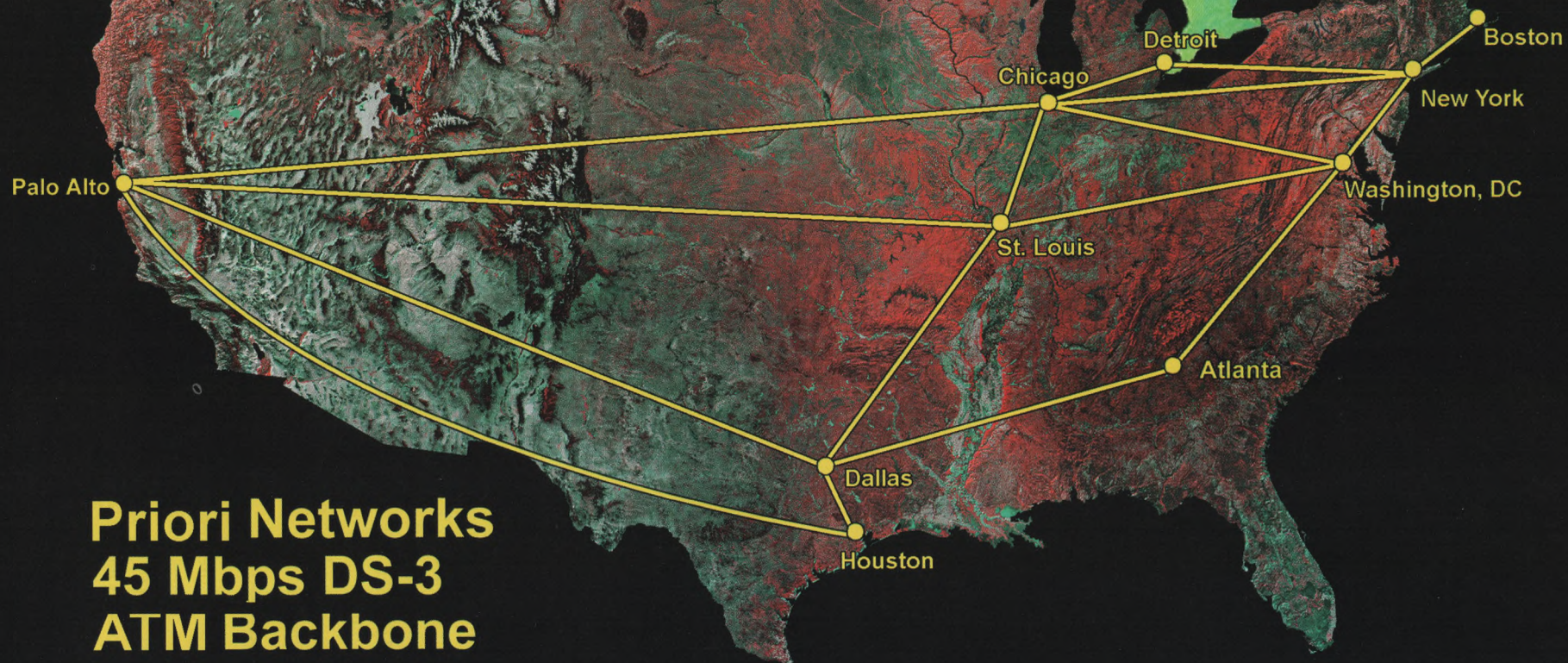
To request an evaluation copy of INTERSHOP Online now, contact us:

1.800.736.5197
www.intershop.com



INTERSHOP
COMMUNICATIONS

INTERSHOP Communications, Inc.
111 Anza Boulevard, Suite 205
Burlingame, California 94010
E-mail: info@intershop.com
Tel: +1 415 373 1530
Fax: +1 415 373 1536



Priori Networks
45 Mbps DS-3
ATM Backbone

Priori Networks

Redwood City, California

HISTORY

Priori is a start up company designed to serve the needs of Internet service providers in a more thorough and focused manner than that provided by general purpose Internet backbone providers. It was founded by some of the leading technical figures in the Internet community, including Robert Shearing, Michael Dillon, Justin Newton, and J.D. Falk. The founders are involved in many of the issues facing ISPs today. Both Michael Dillon and Justin Newton serve on the Board of Directors of the Internet Service Providers Commonwealth. J.D. Falk is one of the founders of the Coalition Against Unsolicited Commercial E-Mail.

Priori operates a fully meshed, redundant DS-3 network. Priori's network extends to 520 U.S. cities, more than 300 of which have capacity of DS-3 or higher, and 25 countries around the world.

COMPANY DESCRIPTION

CEO: Robert L. Shearing
Stock Exchange: Privately held
Consumer Subscribers: None
Business Accounts: None
Revenues: None
Earnings: None
Total POPs: 300+
Employees: Unknown
Office Location: 2893 El Camino Real, Redwood City, CA 94061
Voice: (415) 482-2840
Networks Operation Center: (888) 477-7662
Facsimile: (415) 482-2844
Mailto: sales@priori.net
http: www.priori.net

CURRENT BACKBONE ARCHITECTURE

Priori maintains a fully meshed, redundant DS-3 network utilizing ATM and clear channel circuits riding on multiple carrier networks. Priori's 10 core U.S. POPs utilize a combination of Cisco 7500 series routers.

Senior Network Architect
Engineer: Justin Newton
MailTo: justin@priori.net

BACKBONE CITIES

Atlanta, GA
 Boston, MA
 Chicago, IL
 Dallas, TX
 Detroit, MI
 Houston, TX
 New York, NY
 Palo Alto, CA
 St. Louis, MO
 Washington, DC

MAJOR PEER INTERCONNECT POINTS

As a national service provider, Priori connects to other backbone operators at the following major peer interconnect points:

MAE East - Vienna, VA
 MAE West - San Jose, CA
 Ameritech NAP - Chicago, IL
 PAIX-Palo Alto, CA

BUSINESS PRODUCTS

Priori offers leased-line access at speeds from 56 Kbps to 45 Mbps. Priori also offers Ethernet service in all backbone cities at 10 Mbps. Prices are based on one-year contracts. Discounts are available for longer terms.

45 Mbps T-3 LEASED LINE ACCESS

Availability: 13 backbone cities
Average Installation Time: 10 calendar days
Setup: \$6,000
Monthly: \$19,500
Recommended Equipment: Cisco

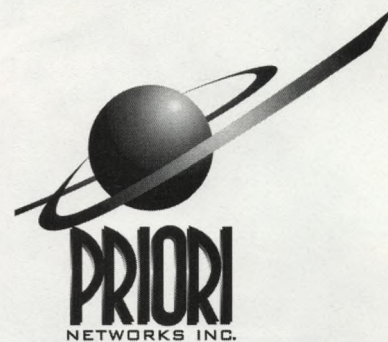
1.544 Mbps T-1 LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup: \$1,500
Monthly: \$1,450 (\$1,250 for Frame Relay)
Recommended Equipment: Cisco

768 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup: \$1,500
Monthly: \$1,250
Recommended Equipment: Cisco
512 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup: \$1,500
Monthly: \$1,125
Recommended Equipment: Cisco



384 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup: \$1,500
Monthly: \$975
Recommended Equipment: Cisco

256 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup: \$1,500
Monthly: \$850
Recommended Equipment: Cisco

128 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup: \$1,500
Monthly: \$775
Recommended Equipment:

56 Kbps LEASED LINE ACCESS

Availability: All POP cities
Average Installation Time: 10 calendar days
Setup Charge: \$1,200
Monthly Charge: 400

CONSUMER PRODUCTS

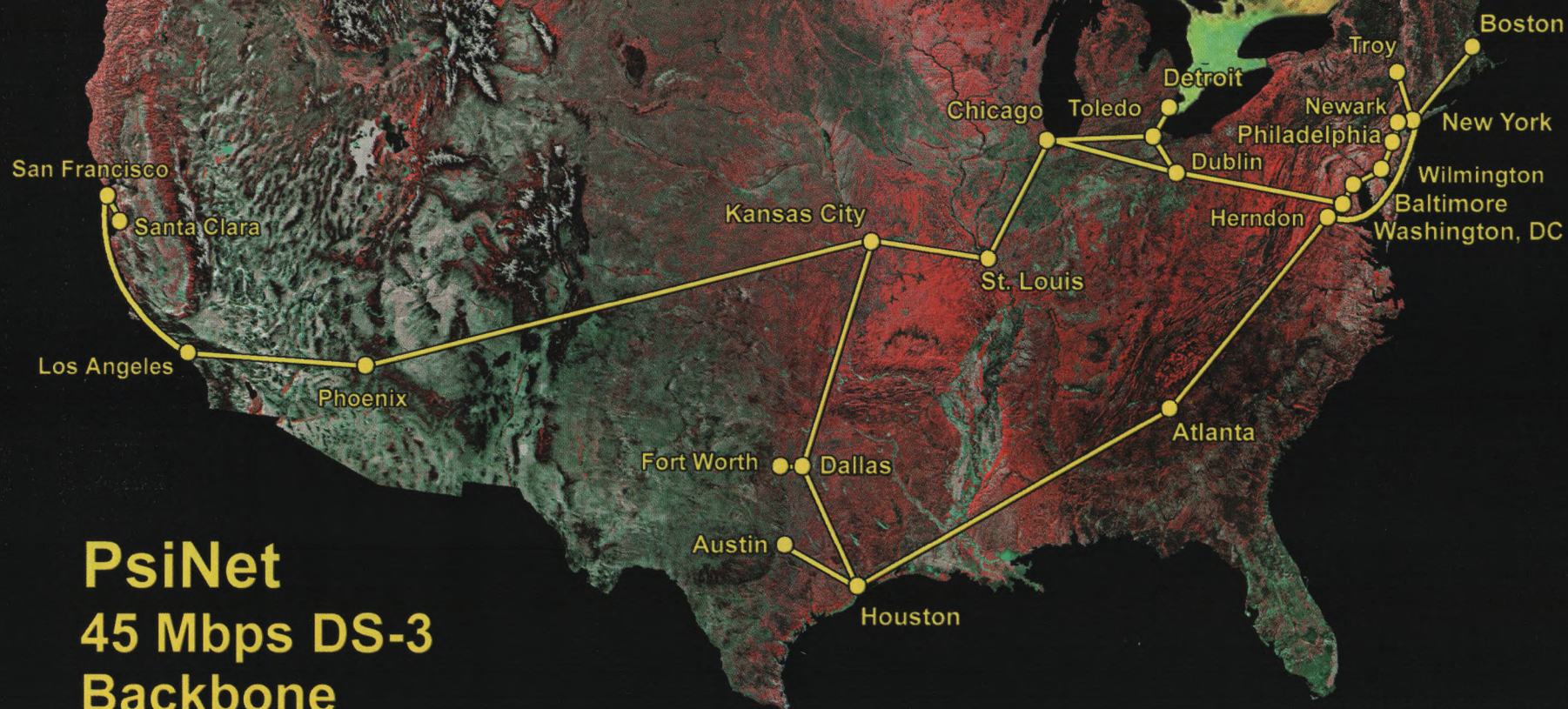
None

FUTURE EXPANSION PLANS

Priori plans to continually add DS-3 and OC-3 connected POPs to its backbone in response to customer demand.

PRIORI POINTS OF PRESENCE

While POPs were not final at press-time, the company offers service through AT&T and WorldCom Frame Relay networks as well as its 10 backbone cities. ♦



PsiNet
45 Mbps DS-3
Backbone

PSINet, Inc. Herndon, Virginia

HISTORY

Founded in 1989 by Internet pioneer William Schrader, PSINet, Inc., was one of the first Internet service providers. PSINet's commercialization of the Internet began in 1990 with leased-line service for corporations on a coast-to-coast basis, breaking the regional models of Internet service. The company is a founding member of the Commercial Internet Exchange.

The company went public in May 1995 and completed a secondary stock offering in November 1995, when it formally changed its name from Performance Systems International to PSINet.

In 1996, the company decided to exit consumer dial-up Internet access. It sold an estimated 130,000 Pipeline and Inter-Ramp consumer dial-up accounts to Atlanta-based MindSpring Enterprises, Inc. on June 30 for \$23 million. PSI will continue to provide infrastructure for MindSpring, and the company has since focused on wholesale agreements with companies such as IDT Corporation, Delphi Internet, Webspan, The BUSnet, Brigadoon.com, New Reach, New

Visions, NACA, and EarthLink Network Inc. PSI provides infrastructure and backbone connectivity to other companies who handle consumer product support issues, billing and marketing.

PSINet entered into a European cooperative marketing alliance with Viatel, Inc., a provider of national and international long distance telecommunications services, to expand Internet access in key EU markets. Under the agreement announced February 19, 1997, PSI will market Internet services to Viatel's small- and medium-sized business customers in Brussels, Frankfurt, Madrid, and Milan. Additional cities are expected to be added in the future. New York-based Viatel will supply PSI with access to high-speed managed bandwidth circuits, dial-up access facilities and facilities management services in selected continental European cities. Marketing programs between Viatel and PSI Europe will be developed to sell services, including dial-up Internet access for both local area networks and individual remote accounts, to Viatel's customer base.

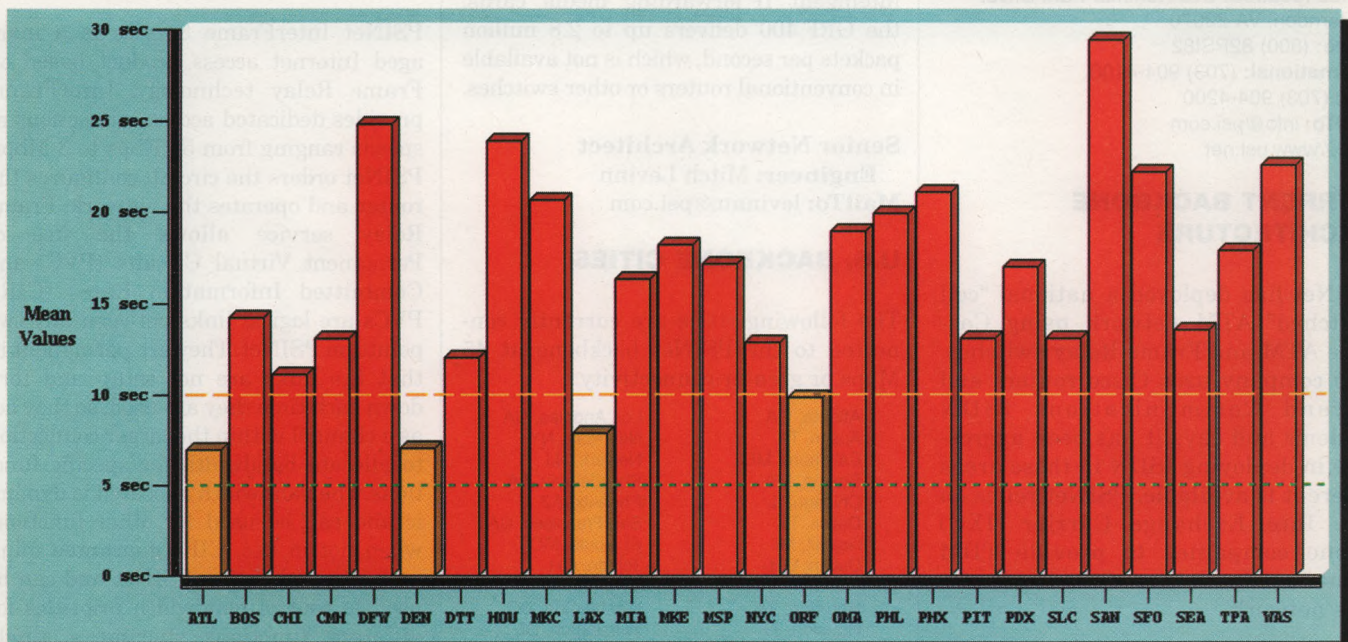
On May 7, PSINet announced the appointment of Volker Leinn as president of PSINet Europe. Leinn previously served as CEO and vice president for Europe of Autodesk, Inc., and has worked for Apollo Computer and Digital Equipment. PSINet also announced plans to locate the PSINet Europe headquarters in Geneva, Switzerland. PSINet began its European operations in July 1995 with the acquisition of EUNet GB in the UK.

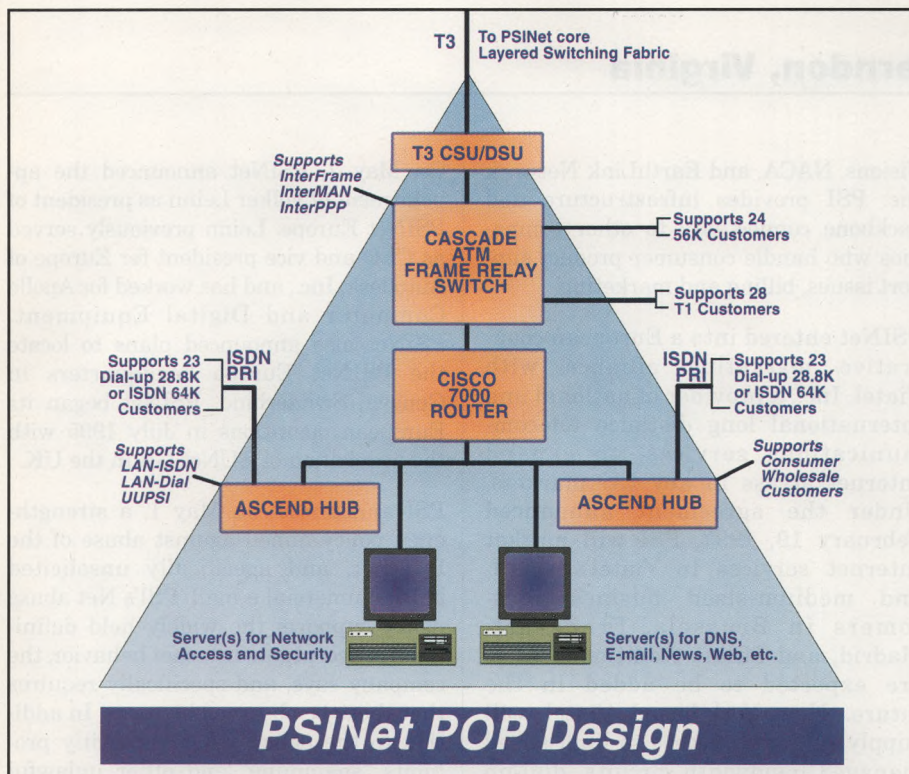
PSI announced, on May 1, a strengthened policy aimed against abuse of the Internet, and specifically unsolicited bulk commercial e-mail. PSI's Net abuse policy supports the widely held definitions of acceptable Internet behavior, the company says, and specifically requires that these be observed by users. In addition to the policy, which explicitly prohibits "spamming" and other unlawful and destructive acts by PSINet customers, the company's Systems Administration team has deployed monitoring and technical measures. Complaints concerning violations of the policy are monitored, investigated, and acted upon by PSI's Net Abuse Team stationed at the company's network operations center in Troy, New York. The

PSINet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 57613

AVERAGE: 15.867 sec
DEVIATION: 88.775 sec





revised Net Abuse Policy is available on the PSINet corporate web site at <http://www.psi.net/csg/netabuse.html>.

COMPANY DESCRIPTION

CEO: William L. Schrader
NASDAQ: PSIX
Consumer subscribers: 170,899
Business accounts: 20,900
Revenues: \$25.6 million (first quarter 1997)
Earnings: -\$9.3 million (first quarter 1997)
Total POPs: 350
Employees: 350+
Office location: 510 Huntmar Park Drive, Herndon, VA 22070
Voice: (800) 82PSI82
International: (703) 904-4100
Fax: (703) 904-4200
MailTo: info@psi.com
http://www.psi.net

CURRENT BACKBONE ARCHITECTURE

PSINet has deployed a national "cell switched" ATM network using Cascade ATM and Frame Relay switches. The company uses Cisco routers and Ascend Communications ISDN modems and says it has been aggressive in deploying ISDN in those areas where it is available. PSINet relies on five Inter-Exchange Carrier (IXC) phone companies to provide TDM point-to-point T-1 and T-3 circuits for this network.

PSINet integrates broadband switches and high-performance routers in a POP-based logical network topology. The company says no POP is more than one hop away from the fully meshed core network and a maximum of 3 hops across the entire network.

The company announced in January that it will be deploying Ascend's GRF 400 Internet Protocol switch during 1997 to keep up with increasing demand over its network. With its Layer-3 switch with intelligent IP forwarding media cards, the GRF 400 delivers up to 2.8 million packets per second, which is not available in conventional routers or other switches.

Senior Network Architect
Engineer: Mitch Levinn
MailTo: levinnm@psi.com

U.S. BACKBONE CITIES

The following cities are currently connected to the PSINet backbone at 45 Mbps or greater connectivity:

Atlanta, GA	Los Angeles, CA
Austin, TX	New York, NY
Baltimore, MD	Newark, NJ
Boston, MA	Philadelphia, PA
Chicago, IL	Phoenix, AZ
Dallas, TX	San Francisco, CA
Detroit, MI	St. Louis, MO
Dublin, OH	Toledo, OH
Fort Worth, TX	Troy, NY
Herndon, VA	Washington, DC
Houston, TX	Wilmington, DE
Kansas City, MO	

INTERNATIONAL BACKBONE CITIES

London, UK
 Naarden, Netherlands
 Seoul, Korea
 Tokyo, Japan
 Yokohama, Japan

MAJOR U.S. PEER INTERCONNECT POINTS

CIX - Palo Alto, CA
 CIX - Herndon, VA
 MAE East - Washington, DC
 MAE West - Palo Alto, CA

MAJOR INTERNATIONAL PEER INTERCONNECT POINTS

LINX - London, UK
 NSP/IXP - Tokyo, Japan

BUSINESS PRODUCTS

BUSINESS CONTACT INFORMATION

Person: Jeffrey Shapard,
 Senior Product Manager
Voice: 800-827-7482
International: 703-904-4100
Facsimile: 703-904-4200
MailTo: info@psi.com
http://www.psi.net

CANADIAN CONTACT INFORMATION

Street address: 7300 Warden Ave., Suite 213,
 Markham Ontario, L3R 9Z6
Voice: (905)477-1318
Facsimile: (905)477-2084
MailTo: canadian-sales@psi.com
http://www.psi.ca

PSINet InterFrame Service

PSINet InterFrame Service is a managed Internet access product based on Frame Relay technology. InterFrame provides dedicated access connections at speeds ranging from 56 Kbps to 3 Mbps. PSINet orders the circuit, configures the router and operates the network. Frame Relay service allows the use of Permanent Virtual Circuits (PVC) and Committed Information Rates (CIR). PVCs are logical links between any two points on PSINet. They are permanent in that the links are not setup and torn down each time they are used, so they act as a channel within the larger connection to allocate bandwidth for specific functions. The bandwidth allocated is dynamic and can be used for other functions when not in use. CIRs guarantee minimum throughput on PSINet and can be used to control bandwidth priorities for different functions sharing a single

Internet connection. This service is compatible with RFC 1294 for encapsulation of TCP/IP over Frame Relay.

For geographic availability, see POP list.

Bandwidth	Setup Charge	Monthly Charge
3 Mbps	\$3,595	\$3,995
1.544 Mbps	\$1,995	\$2,295
512 Kbps	\$1,995	\$1,595
384 Kbps	\$1,995	\$1,495
256 Kbps	\$1,995	\$995
128 Kbps	\$1,995	\$895
56 Kbps	\$595	\$395

There are also data charges for each PVC ranging from \$10 to \$35 for each 8 Kb of data and a \$95 per PVC setup charge. Term discounts are 5 percent for one year, 10 percent for two years, and 15 percent for three year contracts.

PSINet InterMAN

PSINet InterMAN Service is a full-time dedicated connection for high bandwidth needs such as web servers. The PSINet Metro Area Network (MAN) in each city is a broadband infrastructure with wire-speed connectivity to other InterMAN sites in the same "virtual community" and Internet access. Inter-MAN is available in selected cities (see POP list) at speeds of 1.544 Mbps, 4 Mbps, and 45 Mbps.

Installation time is approximately three weeks. All customer premise equipment is provided by PSINet.

Bandwidth	Setup Charge	Monthly Charge
45 Mbps T-3 ATM	\$15,000	\$12,000
45 Mbps T-3	\$5,000	\$12,000
25 Mbps	\$5,000	\$10,000
16 Mbps	\$5,000	\$8,000
10 Mbps	\$5,000	\$4,000
4 Mbps	\$5,000	\$3,000
1.544 Mbps	\$5,000	\$1,200

PSINet InterPPP 56 Kbps

PSINet InterPPP 56 Kbps Internet access service is a simple dedicated circuit for 56 Kbps access to the Internet. InterPPP uses the Point to Point Protocol (PPP) to provide LAN integration to the Internet.

Availability: See POP list
Installation Time: Approximately 3 calendar weeks
Setup: \$295
Monthly: \$295

PSINet LAN On-Demand

PSINet LAN On-Demand services provide a simple TCP/IP connection to the

Internet using an ordinary telephone line or a standard basic rate Integrated Services Digital Network (ISDN) telephone line.

LAN On-Demand LAN-ISDN 64/128 Kbps

Availability: See POP list
Installation Time: 5-7 working days
Setup: \$495
Monthly: \$245
Recommended Equipment: Customer must have own ISDN line from telco plus terminal adapter and router.

LAN On-Demand LAN-Dial

Availability: See POP list
Installation Time: 5-7 working days
Setup: \$295
Monthly: \$145
Recommended Equipment: Any 28.8 Kbps V.34 modem.

UUPSI

PSINet's UUCP Usenet/News and Electronic Mail Services provide electronic communications to the individual and corporate user at fixed rates.

UUPSI uses dial-up connections and the UNIX to UNIX Copy Protocol (UUCP) to exchange electronic mail and USENET News as a store and forward operation. PSINet will register domain names for customers at no additional cost and act as an Internet mail forwarder to their systems.

Availability: Nationwide
Installation Time: 5-7 working days
Setup Charge: \$145
Monthly Charge: \$50
USENET Option: \$150 setup and \$95 monthly
UUFPT Option: \$75 setup and \$25 monthly

PSIWEB

PSIWeb is PSI's World Wide Web hosting service. Customers can design HTML web pages and transfer them to the PSI host. Pricing is based on disk storage and connection speed. Discounts are available with the purchase of other PSI products.

Disk Usage
Setup: \$250
Monthly: \$10 per Megabyte (\$99 minimum)

Bandwidth Usage
T-1: Disk usage charge only
10 Mbps: Disk usage charge plus \$500
45 Mbps: Disk usage charge plus \$3,000

BUSINESS REMOTE ACCESS PRODUCTS

CONSUMER CONTACT INFORMATION

Person: John Kraft
Position: General Manager Wholesale Group
Voice: 800-827-7482
International: 703-904-4100
Fax: 703-904-4200
MailTo: info@psi.com
http://www.psi.net

INTERRAMP

InterRamp is a flat rate dial-up service for companies with employees who need access to the Internet and company servers while traveling. There is a 5 percent discount for 25 accounts, 10 percent discount for 100 accounts, and other discounts up to 25 percent for 2,500 accounts.

InterRamp 128 Kbps ISDN

Availability: See POP list
Approximate Installation Time: Immediate
Setup: None
Monthly: \$49.95
Hours Included: Unlimited
Additional Hours: N/A
Toll Free 800 Surcharge: \$6 hourly
Recommended Equipment: Farallon Netopia

InterRamp 64 Kbps ISDN or 28.8 Kbps V.34

Availability: See POP list
Approximate Installation Time: Immediate
Setup: None
Monthly: \$29.95
Hours Included: Unlimited
Additional Hours: N/A
Toll Free 800 Surcharge: \$6 hourly
Recommended Equipment: Farallon Netopia or any 28.8 Kbps V.34 modem

PsiNet U.S. DEDICATED POINTS OF PRESENCE

Leased Line Services

IFR-3M—InterFrame leased-line with 3 Mbps access speed
IFR-56—InterFrame leased-line with 56 Kbps access speed
IFR-T1—InterFrame leased-line at 128Kbps—T-1 access speeds
IPPP—InterPPP leased-line with 56Kbps access only
IMAN—InterMAN leased-line at T-1, T-3 speeds
I/P/LD—InterRamp and LAN-Dial (Analog)
ISDN—Supports PSI ISDN Services (InterRamp, LANDial)

N A T I O N A L B A C K B O N E O P E R A T O R S — P S I N e t

PSINet POINTS OF PRESENCE

City	IFR-3M	IFR-T1	IFR-56	IPPP	IMAN	I/P/LD	ISDN
Birmingham, AL	no	no	no	no	no	yes	yes
Huntsville, AL	no	no	no	no	no	yes	yes
Mobile, AL	no	no	no	no	no	yes	yes
Little Rock, AR	no	no	no	no	no	yes	yes
Tucson, AZ	no	yes	yes	yes	no	yes	yes
Phoenix, AZ	yes	yes	yes	yes	no	yes	yes
Fresno, CA	no	yes	yes	yes	no	yes	yes
Bakersfield, CA	no	yes	yes	yes	no	yes	yes
Barstow, CA	no	no	no	no	no	yes	no
Berkley, CA	no	no	no	no	no	yes	yes
Burbank, CA	no	no	no	no	no	yes	yes
Chico, CA	no	no	no	no	no	yes	yes
Concord, CA	no	no	no	no	no	yes	yes
Irvine, CA	no	no	no	no	no	yes	yes
Los Angeles, CA	yes	yes	yes	yes	yes	yes	yes
Malibu, CA	no	no	no	no	no	yes	no
Mission Viejo, CA	no	no	no	no	no	yes	yes
Mountain View, CA	no	no	no	no	no	yes	yes
Orinda, CA	no	no	no	no	no	yes	yes
Pasadena, CA	no	no	no	no	no	yes	yes
Sacramento, CA	no	yes	yes	yes	no	yes	yes
San Bernardino, CA	no	no	no	no	no	yes	yes
San Diego, CA	no	yes	yes	yes	no	yes	yes
San Francisco, CA	yes	yes	yes	yes	yes	yes	yes
San Luis Obispo, CA	no	no	no	no	no	yes	yes
San Ramon, CA	no	no	no	no	no	yes	yes
Santa Ana, CA	no	no	no	no	no	yes	yes
Santa Clara, CA	no	yes	yes	yes	no	yes	yes
Torrance, CA	no	no	no	no	no	yes	no
Van Nuys, CA	no	no	no	no	no	yes	yes
Colorado Springs, CO	no	no	no	no	no	yes	yes
Denver, CO	no	yes	yes	yes	no	yes	yes
Hartford, CT	no	yes	yes	yes	no	yes	yes
New Haven, CT	no	no	no	no	no	yes	yes
Stamford, CT	no	no	no	no	no	yes	yes
Washington, DC	yes	yes	yes	yes	yes	yes	yes
Wilton, CT	no	no	no	no	no	yes	no
Wilmington, DE	yes	yes	yes	yes	no	yes	yes
Clearwater, FL	no	no	yes	no	no	no	yes
Ft. Lauderdale, FL	no	no	yes	no	no	yes	yes
Ft. Myers, FL	no	no	yes	no	no	yes	yes
Jacksonville, FL	no	no	yes	no	no	yes	yes
Miami, FL	no	yes	yes	no	no	yes	yes
Orlando, FL	no	yes	yes	no	no	yes	yes
Sarasota, FL	no	no	yes	no	no	yes	yes
St. Petersburg, FL	no	no	yes	no	no	yes	yes
Tallahassee, FL	no	no	yes	no	no	yes	yes
Tampa, FL	no	no	yes	no	no	yes	yes
Winter Park, FL	no	no	no	no	no	yes	yes
Albany, GA	no	no	no	no	no	yes	yes
Atlanta, GA	yes	yes	yes	yes	yes	yes	yes
Augusta, GA	no	no	no	no	no	yes	yes
College Park, GA	no	yes	yes	yes	no	yes	yes
Des Moines, IA	no	yes	yes	yes	no	yes	yes
Chicago, IL	yes	yes	yes	yes	yes	yes	yes
Schiller Park, IL	no	yes	yes	yes	no	yes	yes
Urbana, IL	no	yes	yes	yes	no	yes	yes
Ft. Wayne, IN	no	no	yes	yes	no	yes	yes
Indianapolis, IN	no	yes	yes	yes	no	yes	yes
South Bend, IN	no	yes	yes	yes	no	yes	yes
Hutchinson, KS	no	yes	yes	no	no	yes	yes
Wichita, KS	no	no	no	no	no	yes	yes
Louisville, KY	no	no	no	no	no	yes	yes
Baton Rouge, LA	no	no	no	no	no	yes	yes
Lafayette, LA	no	no	no	no	no	yes	yes
New Orleans, LA	no	yes	yes	yes	no	yes	yes
Shreveport, LA	no	no	no	no	no	yes	yes

City	IFR-3M	IFR-T1	IFR-56	IPPP	IMAN	I/P/LD	ISDN
Boston, MA	yes	yes	yes	yes	no	yes	yes
Springfield, MA	no	no	no	no	no	yes	no
Westford, MA	no	yes	yes	yes	no	yes	yes
Annapolis, MD	no	no	no	no	no	yes	yes
Baltimore, MD	no	yes	yes	yes	Soon	yes	yes
Bel Air, MD	no	no	no	no	no	yes	yes
Frederick, MD	no	no	no	no	no	yes	yes
Hagerstown, MD	no	no	no	no	no	yes	yes
Salisbury, MD	no	no	no	no	no	yes	yes
Springfield, MD	no	no	no	no	no	yes	yes
Portland, ME	no	yes	yes	yes	no	yes	yes
Birmingham, MI	no	yes	yes	yes	no	yes	yes
Midland, MI	no	yes	yes	yes	no	yes	no
Ann Arbor, MI	no	yes	yes	yes	no	yes	yes
Battle Creek, MI	no	yes	yes	yes	no	yes	yes
Bay City, MI	no	yes	yes	yes	no	yes	no
Detroit, MI	yes	yes	yes	yes	no	yes	yes
Flint, MI	no	yes	yes	yes	no	yes	yes
Grand Rapids, MI	no	yes	yes	yes	no	yes	yes
Jackson, MI	no	yes	yes	yes	no	yes	no
Kalamazoo, MI	no	yes	yes	yes	no	yes	yes
Lansing, MI	no	yes	yes	yes	no	yes	yes
Pontiac, MI	no	yes	yes	yes	no	yes	yes
Saginaw, MI	no	yes	yes	yes	no	yes	no
Duluth, MN	no	no	no	no	no	yes	no
St. Paul, MN	no	no	yes	yes	no	yes	yes
Kansas City, MO	yes	yes	yes	yes	no	yes	yes
St. Louis, MO	yes	yes	yes	yes	no	yes	yes
Jackson, MS	no	no	no	no	no	yes	yes
Pascagoula, MS	no	no	no	no	no	yes	no
Billings, MT	no	no	no	no	no	yes	no
Asheville, NC	no	no	no	no	no	yes	yes
Charlotte, NC	no	no	no	no	no	yes	yes
Fayetteville, NC	no	no	no	no	no	yes	no
Greensboro, NC	no	no	no	no	no	yes	yes
Research Tri Pk, NC	no	yes	yes	yes	no	yes	yes
Winston Salem, NC	no	no	no	no	no	yes	yes
Fargo, ND	no	no	no	no	no	yes	no
Lincoln, NE	no	no	no	no	no	yes	no
Manchester, NH	no	no	no	no	no	yes	yes
Atlantic City, NJ	no	no	no	no	no	yes	yes
Ewing, NJ	no	no	no	no	no	yes	yes
Hackensack, NJ	no	no	no	no	no	yes	yes
Moorestown, NJ	no	no	no	no	no	yes	yes
Morristown, NJ	no	no	no	no	no	yes	yes
Newark, NJ	yes	yes	yes	yes	yes	yes	yes
Perth Amboy, NJ	no	no	no	no	no	yes	no
Princeton, NJ	no	no	no	no	no	yes	yes
Ridgewood, NJ	no	no	no	no	no	yes	yes
Trenton, NJ	no	yes	yes	yes	no	yes	yes
Vineland, NJ	no	no	no	no	no	yes	yes
Albuquerque, NM	no	yes	yes	yes	no	yes	yes
Las Vegas, NV	no	yes	yes	yes	no	yes	yes
Reno, NV	no	no	no	no	no	yes	no
Poughkeepsie, NY	no	yes	yes	yes	no	yes	yes
Albany, NY	no	yes	yes	yes	no	yes	yes
Buffalo, NY	no	yes	yes	yes	no	yes	yes
Garden City, NY	no	yes	yes	yes	no	yes	no
Islip, NY	no	yes	yes	yes	no	yes	yes
Ithaca, NY	no	yes	yes	yes	no	yes	yes
New York, NY	yes	yes	yes	yes	yes	yes	yes
Rochester, NY	no	yes	yes	yes	no	yes	yes
Syracuse, NY	no	yes	yes	yes	no	yes	no
Utica, NY	no	no	no	no	no	yes	yes
White Plains, NY	no	yes	yes	yes	no	yes	yes
Akron, OH	no	yes	yes	yes	no	yes	yes
Cincinnati, OH	no	yes	yes	yes	no	yes	yes
Cleveland, OH	no	yes	yes	yes	no	yes	yes
Columbus, OH	no	yes	yes	yes	no	yes	yes
Dayton, OH	no	yes	yes	yes	no	yes	yes
Dublin, OH	yes	yes	yes	yes	no	yes	yes

NATIONAL BACKBONE OPERATORS — PSINet

City	IFR-3M	IFR-T1	IFR-56	IPPP	IMAN	I/P/LD	ISDN
Toledo, OH	yes	yes	yes	yes	no	yes	yes
Youngstown, OH	no	yes	yes	yes	no	yes	no
Oklahoma City, OK	no	yes	yes	yes	no	yes	no
Tulsa, OK	no	yes	yes	yes	no	yes	yes
Eugene, OR	no	no	yes	no	no	no	no
Medford, OR	no	no	no	no	no	yes	no
Portland, OR	no	yes	yes	yes	no	yes	yes
Allentown, PA	no	no	no	no	no	yes	yes
Altoona, PA	no	no	no	no	no	yes	yes
Carlisle, PA	no	no	no	no	no	yes	no
Harrisburg, PA	no	yes	yes	yes	no	yes	yes
Lancaster, PA	no	no	no	no	no	yes	yes
Philadelphia, PA	yes	yes	yes	yes	yes	yes	yes
Pittsburgh, PA	no	yes	yes	yes	no	yes	yes
Reading, PA	no	no	no	no	no	yes	yes
Scranton, PA	no	no	no	no	no	yes	yes
State College, PA	no	no	no	no	no	yes	yes
York, PA	no	no	no	no	no	yes	yes
Providence, RI	no	no	no	no	no	yes	yes
Charleston, SC	no	no	no	no	no	yes	yes
Columbia, SC	no	no	no	no	no	yes	no
Greenville, SC	no	no	no	no	no	yes	yes
Jackson, TN	no	no	no	no	no	yes	yes
Knoxville, TN	no	no	no	no	no	yes	yes
Memphis, TN	no	no	no	no	no	yes	yes
Nashville, TN	no	no	no	no	no	yes	yes
Midland, TX	no	yes	yes	yes	no	yes	no
Abilene, TX	no	yes	yes	yes	no	yes	no
Amarillo, TX	no	yes	yes	yes	no	yes	no
Austin, TX	yes	yes	yes	yes	no	yes	yes
Dallas, TX	yes	yes	yes	yes	no	yes	yes
El Paso, TX	no	yes	yes	yes	no	yes	no
Ft. Worth, TX	yes	yes	yes	yes	no	yes	yes
Houston, TX	yes	yes	yes	yes	no	yes	yes
Lubbock, TX	no	yes	yes	yes	no	yes	yes
San Angelo, TX	no	yes	yes	yes	no	yes	no
San Antonio, TX	no	no	no	no	no	yes	yes
Waco, TX	no	yes	yes	yes	no	yes	no
Salt Lake City, UT	no	yes	yes	yes	no	yes	no

City	IFR-3M	IFR-T1	IFR-56	IPPP	IMAN	I/P/LD	ISDN
Danville, VA	no	no	no	no	no	yes	yes
Fredericksburg, VA	no	no	no	no	no	yes	yes
Herndon, VA	yes	yes	yes	yes	yes	yes	yes
Leesburg, VA	no	yes	yes	yes	no	yes	yes
Lynchburg, VA	no	no	no	no	no	yes	yes
Norfolk, VA	no	yes	yes	yes	no	yes	yes
Richmond, VA	no	yes	yes	yes	no	yes	yes
Roanoke, VA	no	no	no	no	no	yes	yes
Burlington, VT	no	no	no	no	no	yes	yes
Rutland, VT	no	no	no	no	no	yes	yes
Kennewick, WA	no	no	yes	no	no	no	no
Olympia, WA	no	no	yes	no	no	no	no
Seattle, WA	no	yes	yes	yes	no	yes	yes
Tacoma, WA	no	no	no	no	no	yes	yes
Green Bay, WI	no	no	no	no	no	yes	yes
Janesville, WI	no	no	no	no	no	yes	yes
Charleston, WV	no	yes	yes	yes	no	yes	yes
Morgantown, WV	no	no	no	no	no	yes	yes
Wheeling, WV	no	no	no	no	no	yes	yes

PSINet INTERNATIONAL DEDICATED POINTS OF PRESENCE

Edmonton, Alberta, Canada	no	yes	yes	yes	no	yes	yes
Guelph, Ontario, Canada	no	yes	yes	yes	no	yes	yes
Halifax, Nova Scotia, Canada	no	yes	yes	yes	no	yes	yes
Hamilton, Ontario, Canada	no	yes	yes	yes	no	yes	yes
Kitchener, Ontario, Canada	no	yes	yes	yes	no	yes	yes
London, Ontario, Canada	no	yes	yes	yes	no	yes	yes
Montreal, Quebec, Canada	no	yes	yes	yes	no	yes	yes
Ottawa, Ontario, Canada	no	yes	yes	yes	no	yes	yes
Saskatoon, Saskatchewan, Canada	no	yes	yes	yes	no	yes	yes
St. Catharines, Ontario, Canada	no	yes	yes	yes	no	yes	yes
Calgary, Alberta, Canada	no	yes	yes	yes	no	yes	yes
Quebec, Quebec, Canada	no	yes	yes	yes	no	yes	yes
Toronto, Ontario, Canada	no	yes	yes	yes	no	yes	yes
Vancouver, British Columbia, Canada	no	yes	yes	yes	no	yes	yes
Winnipeg, Manitoba, Canada	no	yes	yes	yes	no	yes	yes

PSINet U.S. DIAL-UP POINTS OF PRESENCE

Newark, NJ	201-645-0874
Ridgewood, NJ	201-794-1795
Hackensack, NJ	201-343-8210
Newark, NJ	201-622-6100
Morristown, NJ	201-898-6511
Morristown, NJ	201-898-6758
Washington, DC	202-408-3199
Washington, DC	202-682-3712
Stamford, CT	203-316-2947
New Haven, CT	203-497-8727
Wilton, CT	203-834-6730
Huntsville, AL	205-536-5920
Birmingham, AL	205-942-5809
Birmingham, AL	205-942-9890
Seattle, WA	206-443-0224
Seattle, WA	206-441-2203
Seattle, WA	206-728-3468
Tacoma, WA	206-552-2134
Portland, ME	207-791-8300
Fresno, CA	209-497-0200
Stockton, CA	209-464-0899
San Antonio, TX	210-244-1900
New York, NY	212-328-4467
New York, NY	212-328-4487
New York, NY	212-709-3940
New York, NY	212-709-3960
New York, NY	212-709-3980
Los Angeles, CA	213-622-3499

Los Angeles, CA	213-623-6411
Los Angeles, CA	213-625-8300
Dallas, TX	214-220-1292
Dallas, TX	214-953-3199
Dallas, TX	214-742-7907
Dallas, TX	214-658-9500
Philadelphia, PA	215-387-9110
Philadelphia, PA	215-387-9216
Philadelphia, PA	215-387-9332
Philadelphia, PA	215-587-9450
Cleveland, OH	216-696-6331
Cleveland, OH	216-622-7300
Cleveland, OH	216-696-8236
Urbana, IL	217-373-2680
Duluth, MN	218-720-5960
South Bend, IN	219-271-0326
Fort Wayne, IN	219-452-1004
Hagerstown, MD	301-665-1216
Frederick, MD	301-663-8153
Wilmington, DE	302-576-0500
Denver, CO	303-291-4016
Denver, CO	303-820-4000
Wheeling, WV	304-233-1840
Morgantown, WV	304-291-3256
Charleston, WV	304-353-7886
Miami, FL	305-470-6277
Miami, FL	305-477-9774
Inglewood, CA	310-671-0839
Malibu, CA	310-317-8300
Chicago, IL	312-565-4310
Chicago, IL	312-565-5380

Chicago, IL	312-616-6700
Chicago, IL	312-565-9446
Chicago, IL	312-974-9901
Chicago, IL	312-974-9903
Detroit, MI	313-225-4099
Detroit, MI	313-259-0680
Ann Arbor, MI	313-998-2601
St. Louis, MO	314-516-0000
St. Louis, MO	314-622-0026
Syracuse, NY	315-448-4000
Hutchinson, KS	316-337-0095
Hutchinson, KS	316-694-0036
Wichita, KS	316-337-0095
Wichita, KS	316-337-0198
Indianapolis, IN	317-576-0308
Indianapolis, IN	317-842-7547
Lafayette, LA	318-262-0039
Shreveport, LA	318-686-2577
Akron, OH	330-374-6990
Akron, OH	330-253-9993
Youngstown, OH	330-747-7070
Mobile, AL	334-660-0271
Providence, RI	401-276-2000
Lincoln, NE	402-458-2800
Atlanta, GA	404-527-0300
Atlanta, GA	404-865-0110
College Park, GA	404-762-5160
Oklahoma City, OK	405-270-0534
Oklahoma City, OK	405-290-5000
Billings, MT	406-247-3000
Orlando, FL	407-481-1000

Orlando, FL 407-648-9426
 Orlando, FL 407-648-9826
 Winter Park, FL 407-975-4600
 Santa Clara, CA 408-289-1510
 Santa Clara, CA 408-653-2300
 Santa Clara, CA 408-982-9931
 Baltimore, MD 410-244-0719
 Baltimore, MD 410-244-0935
 Annapolis, MD 410-268-0669
 Salisbury, MD 410-341-0278
 Bel Air, MD 410-638-0219
 Pittsburgh, PA 412-562-1103
 Springfield, MA 413-846-0300
 Green Bay, WI 414-983-2080
 Mountain View, CA 415-390-0900
 Mountain View, CA 415-934-3800
 San Francisco, CA 415-284-4800
 San Francisco, CA 415-442-4600
 San Francisco, CA 415-357-9900
 Toledo, OH 419-246-2020
 Knoxville, TN 423-525-2053
 Knoxville, TN 423-558-8400
 Little Rock, AR 501-340-6400
 Louisville, KY 502-584-1710
 Louisville, KY 502-588-9091
 Portland, OR 503-220-4086
 New Orleans, LA 504-366-0091
 Baton Rouge, LA 504-928-2660
 Albuquerque, NM 505-246-9088
 Westford, MA 508-439-6000
 San Ramon, CA 510-244-1500
 Concord, CA 510-687-0679
 Berkley, CA 510-845-0326
 Orinda, CA 510-253-9500
 Austin, TX 512-432-0001
 Austin, TX 512-464-0010
 Austin, TX 512-464-0011
 Austin, TX 512-464-0012
 Dayton, OH 513-228-1510
 Cincinnati, OH 513-361-4100
 Cincinnati, OH 513-421-8241
 Cincinnati, OH 513-792-9299
 Des Moines, IA 515-222-2140
 Islip, NY 516-468-2100
 Islip, NY 516-468-2200
 Islip, NY 516-468-5100
 Garden City, NY 516-227-5600
 Saginaw, MI 517-771-0053
 Jackson, MI 517-783-0809
 Midland, MI 517-837-1394
 Lansing, MI 517-336-8936
 Bay City, MI 517-667-6121
 Albany, NY 518-436-3200
 Tucson, AZ 520-620-6152
 Fredericksburg, VA 540-374-0571
 Roanoke, VA 540-857-4320
 Medford, OR 541-776-4510
 Pascagoula, MS 601-934-2180
 Jackson, MS 601-956-2325
 Phoenix, AZ 602-640-1072
 Phoenix, AZ 602-640-6096
 Manchester, NH 603-644-0500
 Ithaca, NY 607-266-4500
 Ithaca, NY 607-266-4600
 Vineland, NJ 609-205-0040
 Ewing, NJ 609-278-3268
 Trenton, NJ 609-631-0494
 Janesville, WI 608-755-9420
 Moorestown, NJ 609-667-0496
 Atlantic City, NJ 609-484-3516
 Princeton, NJ 609-924-3857
 Princeton, NJ 609-924-5260
 Reading, PA 610-670-4650
 Allentown, PA 610-774-9866
 St. Paul, MN 612-223-7560
 Columbus, OH 614-222-0825

Dublin, OH 614-228-7452
 Dublin, OH 614-766-9196
 Columbus, OH 614-442-9500
 Nashville, TN 615-385-4004
 Grand Rapids, MI 616-235-1190
 Grand Rapids, MI 616-235-9246
 Battle Creek, MI 616-226-8589
 Kalamazoo, MI 616-226-8593
 Boston, MA 617-450-5700
 Boston, MA 617-450-6800
 Boston, MA 617-927-3600
 Boston, MA 617-927-3800
 San Diego, CA 619-230-1221
 San Diego, CA 619-232-1613
 Barstow, CA 619-255-4044
 Fargo, ND 701-271-6300
 Las Vegas, NV 702-382-6667
 Reno, NV 702-322-9191
 Herndon, VA 703-742-0706
 Herndon, VA 703-904-0600
 Herndon, VA 703-742-5488
 Herndon, VA 703-904-7087
 Herndon, VA 703-904-7088
 Herndon, VA 703-904-7129
 Herndon, VA 703-904-9050
 Leesburg, VA 703-779-1868
 Asheville, NC 704-253-0221
 Charlotte, NC 704-587-0755
 Charlotte, NC 704-522-6381
 Augusta, GA 706-849-2280
 Houston, TX 713-567-0300
 Houston, TX 713-767-1503
 Houston, TX 713-652-8500
 Mission Viejo, CA 714-699-0964
 Irvine, CA 714-753-1212
 Santa Ana, CA 714-285-9100
 Rochester, NY 716-324-1000
 Rochester, NY 716-428-3700
 Buffalo, NY 716-888-1000
 Carlisle, PA 717-258-4462
 York, PA 717-846-0086
 Harrisburg, PA 717-770-1194
 Harrisburg, PA 717-770-1195
 Harrisburg, PA 717-770-2100
 Scranton, PA 717-941-0113
 Lancaster, PA 717-871-6380
 Colorado Springs, CO 719-594-2090
 Colorado Springs, CO 719-536-6900
 Atlanta, GA 770-421-0546
 Atlanta, GA 770-421-1576
 Atlanta, GA 770-421-9767
 Salt Lake City, UT 801-264-7940
 Burlington, VT 802-651-6600
 Rutland, VT 802-786-7300
 Greenville, SC 803-228-4525
 Columbia, SC 803-988-0800
 Charleston, SC 803-853-4001
 Lynchburg, VA 804-528-0448
 Richmond, VA 804-672-0729
 Richmond, VA 804-672-0730
 Richmond, VA 804-755-7018
 Danville, VA 804-791-4306
 Norfolk, VA 804-455-8178
 Bakersfield, CA 805-322-2100
 Amarillo, TX 806-345-1500
 Lubbock, TX 806-741-4400
 Centerline, MI 810-574-0259
 Centerline, MI 810-435-2388
 Pontiac, MI 810-475-4425
 Flint, MI 810-768-7980
 Tampa, FL 813-273-0923
 Tampa, FL 813-276-9824
 St. Petersburg, FL 813-826-0052
 St. Petersburg, FL 813-826-3010
 State College, PA 814-235-7670
 Altoona, PA 814-949-7045

Altoona, PA 814-949-7046
 Kansas City, MO 816-235-7000
 Kansas City, MO 816-235-7300
 Waco, TX 817-745-2000
 Ft. Worth, TX 817-568-5800
 Ft. Worth, TX 817-258-9700
 Pasadena, CA 818-449-2859
 Van Nuys, CA 818-781-3800
 Burbank, CA 818-566-7200
 Schiller Park, IL 847-671-4033
 Hartford, CT 860-947-1200
 Hartford, CT 860-947-1222
 Hartford, CT 860-947-7656
 Greenville, SC 864-288-1702
 Memphis, TN 901-371-2030
 Jackson, TN 901-661-9025
 Jacksonville, FL 904-355-1523
 Tallahassee, FL 904-222-5078
 Perth Amboy, NJ 908-442-6182
 San Bernardino, CA 909-824-9223
 Greensboro, NC 910-333-2366
 Winston Salem, NC 910-721-1212
 Fayetteville, NC 910-323-9401
 Albany, GA 912-430-1000
 Poughkeepsie, NY 914-451-7800
 White Plains, NY 914-789-8000
 White Plains, NY 914-993-6000
 Abilene, TX 915-738-3100
 El Paso, TX 915-545-7300
 Midland, TX 915-699-9500
 Sacramento, CA 916-537-2901
 Sacramento, CA 916-536-3800
 Chico, CA 916-891-1055
 Tulsa, OK 918-445-2622
 Research Tri Pk, NC 919-558-2121
 Sarasota, FL 941-362-0764
 Sarasota, FL 941-362-0864
 Ft. Myers, FL 941-477-5000
 Ft. Lauderdale, FL 954-971-5720

PSINet INTERNATIONAL DIAL-UP POINTS OF PRESENCE

Tokyo, Japan 03-5201-5600
 Tokyo, Japan 03-5201-6800
 Yokohama, Japan 045-224-6760
 Winnipeg, Manitoba, Canada 204-942-4719
 Winnipeg, Manitoba, Canada 204-942-4724
 Saskatoon, Saskatchewan, Canada 306-665-0222
 Calgary, Alberta, Canada 403-237-0951
 Calgary, Alberta, Canada 403-237-6322
 Edmonton, Alberta, Canada 403-423-5700
 Edmonton, Alberta, Canada 403-421-8500
 Toronto, Ontario, Canada 416-861-8229
 Toronto, Ontario, Canada 416-861-8562
 Quebec, Quebec, Canada 418-692-5756
 Montreal, Quebec, Canada 514-876-1183
 Montreal, Quebec, Canada 514-876-1334
 London, Ontario, Canada 519-642-1812
 Guelph, Ontario, Canada 519-837-1390
 Kitchener, Ontario, Canada 519-578-7241
 Vancouver, British Columbia, Canada 604-689-3602
 Vancouver, British Columbia, Canada 604-689-3174
 Ottawa, Ontario, Canada 613-231-1093
 Ottawa, Ontario, Canada 613-231-4838
 Halifax, Nova Scotia, Canada 902-422-5599
 St. Catharines, Ontario, Canada 905-685-4155
 Hamilton, Ontario, Canada 905-526-6552
 Hamilton, Ontario, Canada 905-526-6810
 London, UK 01715-721-999

FUTURE EXPANSION PLANS

The company plans continued expansion of its U.S. network and additional international acquisitions and/or joint ventures. ♦

ROBERT JUST PICKED
UP THE LATEST JEWEL,
COUNTING CROWS AND
STONE TEMPLE PILOTS.

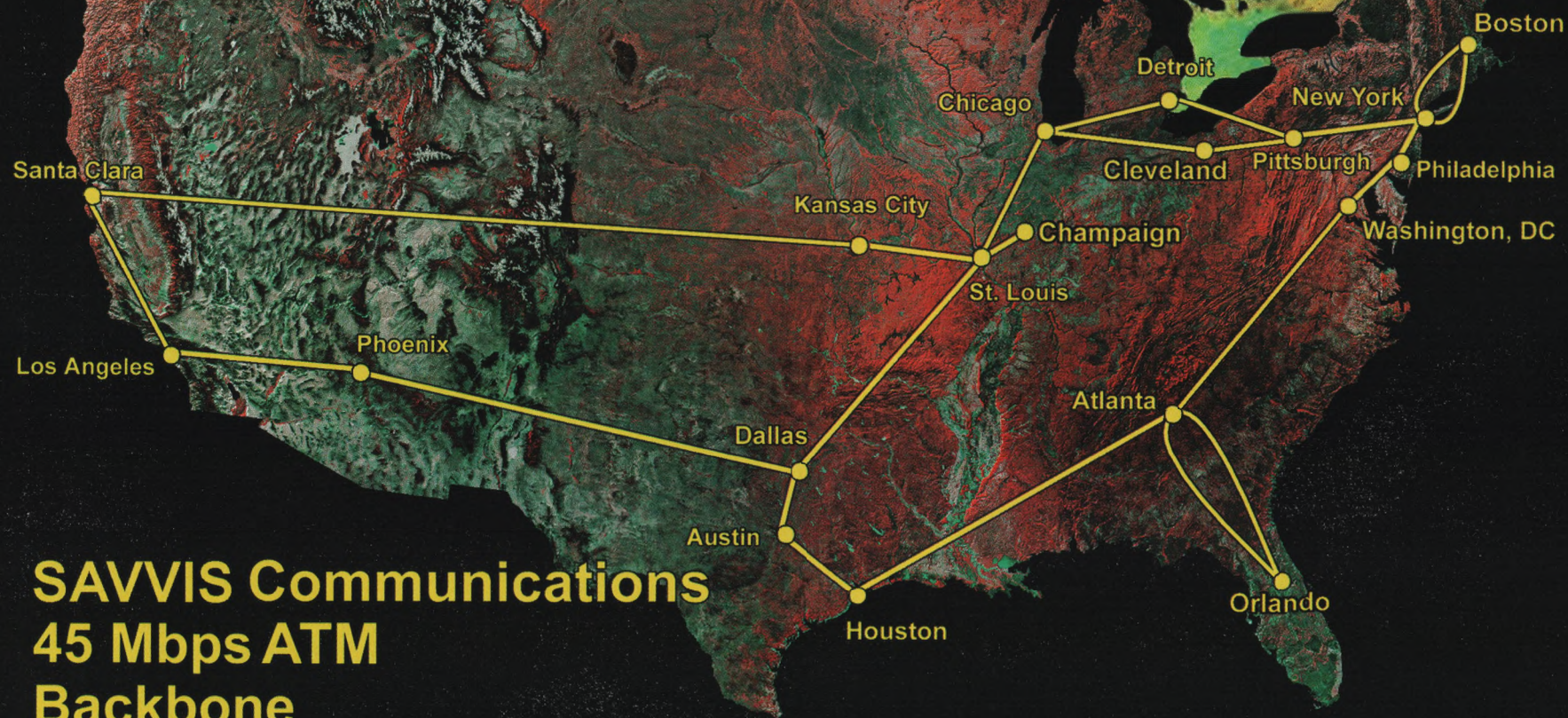
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WHO'S NOT WEARING
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SAVVIS Communications
45 Mbps ATM
Backbone

SAVVIS Communications Corporation

St. Louis, Missouri

HISTORY

Founded in St. Louis, Missouri in 1995 under the name of Diamond.Net, SAVVIS Communications Corporation offers high-end Internet access and intranet services to corporations, Internet service providers (ISPs), Internet content service companies such as Webcasting, database search engines as well as other users with similar networking needs.

SAVVIS Communications incorporates a unique design for Internet access for its nationwide network. Customers are connected to the Internet via one of SAVVIS' several private network access points (PNAPs) located throughout the United States. The company says the PNAP model "spatially collapses the Internet" by providing direct, parallel connectivity to the three major Internet backbone providers (MCI, Sprint and UUNET), which currently represents direct connectivity to 80 to 90 percent of world-wide Internet sites. Whenever a customer sends data to, or receives data from the Internet, the PNAP router coordinates with the Internet backbone provider's routers to select the best available path for the data. Customers

not located in PNAP cities gain access to a PNAP via SAVVIS' private DS-3 ATM backbone. The company says this enables SAVVIS' customers to have the highest quality and most direct access to the Internet by solving many problems associated with the MAE/NAP bottlenecks and unnecessary router hops.

SAVVIS now has 19 POPs throughout the country connected by clear channel DS-3 fiber, 7 PNAPs and more than 250 dedicated business accounts. SAVVIS currently has sales offices in St. Louis, Chicago, Dallas, Los Angeles, Detroit and New York.

COMPANY DESCRIPTION

CEO: Martin C. "Sam" Sanderson
Stock Exchange: Private
Business Dedicated Access Accounts: 250
Annual Revenues From Internet Related Operations: \$8 million
Total POPs: 19 backbone cities
Total Dial-Up Ports: None
Number of Employees: 80+
Headquarters: St. Louis, MO
Sales Offices: Dallas, TX; Chicago, IL; New York, NY; Los Angeles, CA
Street Mailing Address: 7777 Bonhomme, Suite 1000, St. Louis, MO 63105
Voice Telephone: (800) SAVVIS1

24 Hour NOC Telephone: (888) NETOPS1
MailTo: info@savvis.com
http://www.savvis.com

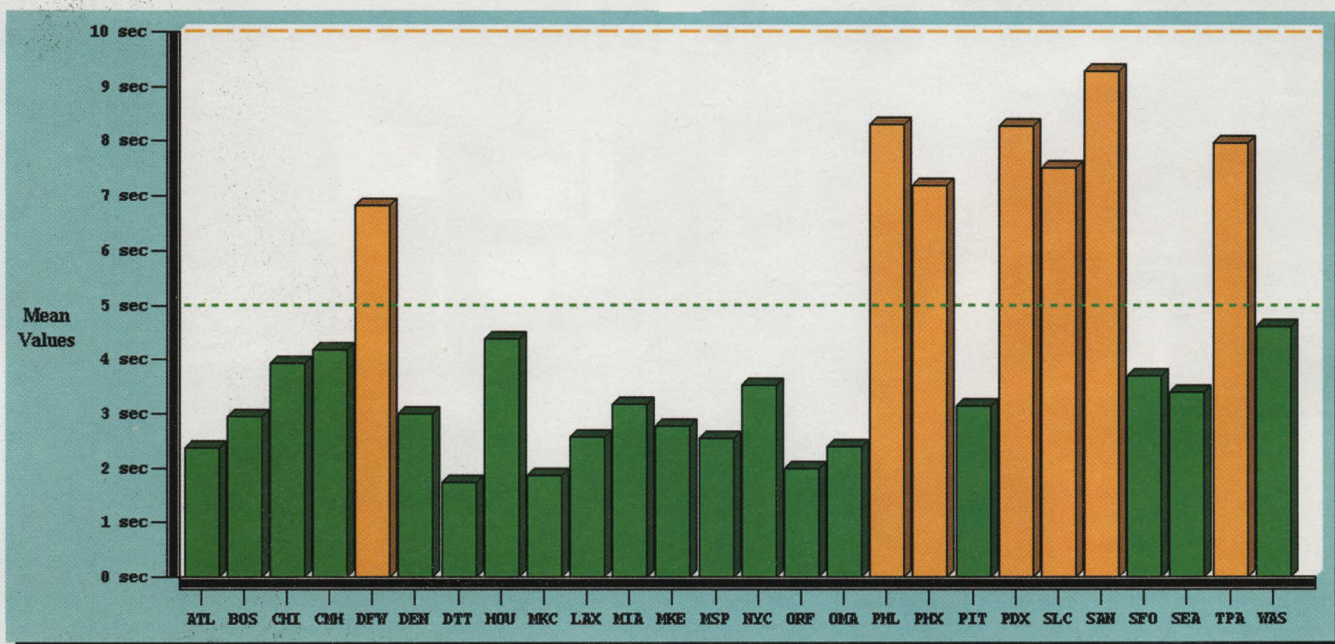
CURRENT BACKBONE ARCHITECTURE

SAVVIS' backbone network has an ATM core architecture with minimum clear channel DS-3 connections between 19 POPs. All frame Internet access is converted to ATM with true IP switching to the Internet and more than 10 gigabits of switchable bandwidth available at every PNAP. This unique topology is designed to bypass the congested MAEs and NAPs, the company says. SAVVIS uses multiple PNAPs (currently 7) each with at least 135 Mbps of bandwidth to connect with major Internet backbone providers representing more than 80 to 90 percent of the business Internet market. The combination of seven PNAPs together represents a combined drain bandwidth to the Internet of 21 DS-3s (945 Mbps). That equals 1,890 Mbps of bi-directional Internet interconnection bandwidth. The company has established contracts with MCI, Sprint and UUNET, and will contract with any other provider carry-

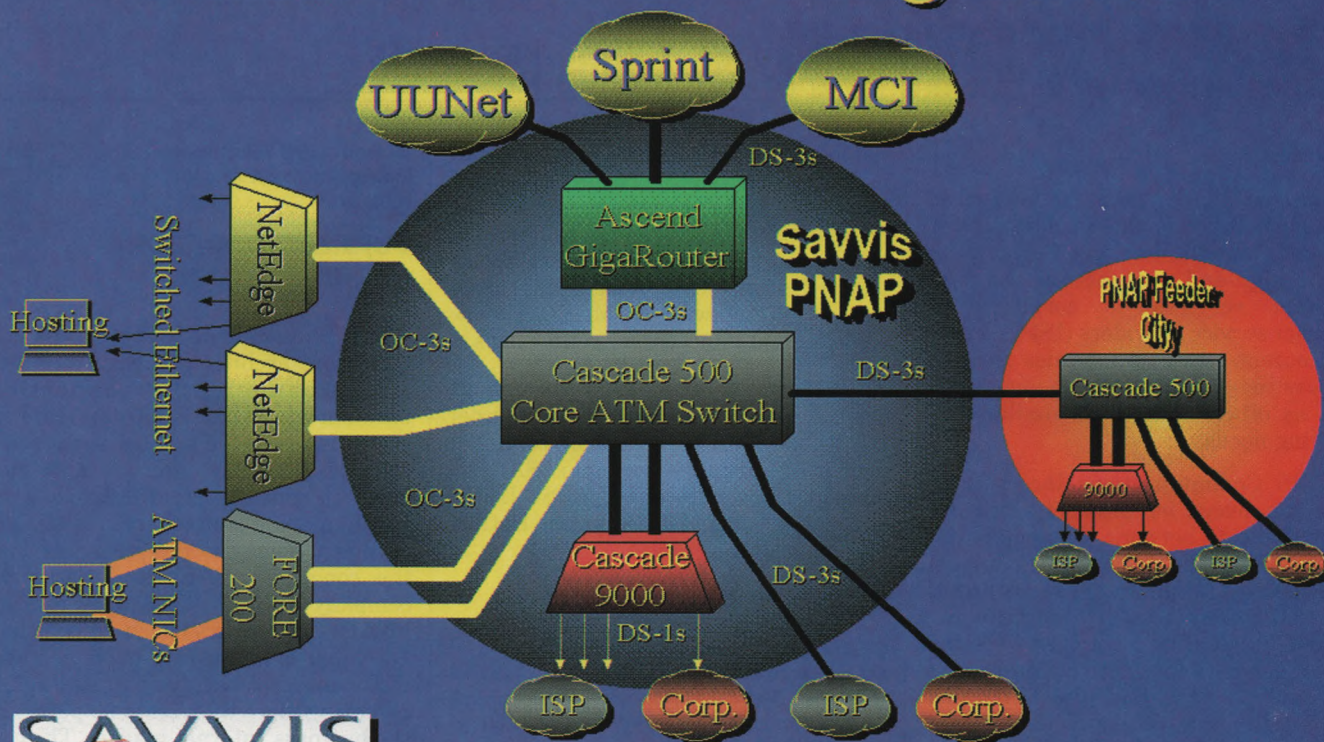
Savvis

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 58066

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DEVIATION: 13.593 sec



Standard PNAP Configuration



ing more than 5 percent of its customers' local traffic.

SAVVIS monitors network usage and capacity between the customer's premise IP router and SAVVIS' Internet links. Whenever a PNAP Internet drain to one of the backbone providers reaches 30 percent sustained usage, SAVVIS begins the process of ordering new bandwidth with the goal of ensuring that new bandwidth is available before a link reaches 60 percent. The same bandwidth management policy is applied to backbone links.

Senior Network Architect

Engineer: Gary Zimmerman

MailTo: garyz@savvis.com

Chief Technology Officer:

Mike Gaddis

MailTo: mikeg@savvis.com

MAJOR U.S. BACKBONE CITIES

PNAPs:

Atlanta, GA - PNAP
Chicago, IL - PNAP
Dallas, TX - PNAP
Los Angeles, CA - PNAP
New York, NY - PNAP
Santa Clara, CA - PNAP
St. Louis, MO - PNAP

POPs:

Atlanta, GA
Austin, TX
Boston, MA
Champaign, IL
Cleveland, OH
Detroit, MI
Houston, TX
Kansas City, MO
Orlando, FL
Philadelphia, PA
Phoenix, AZ
Pittsburgh, PA
Washington DC

**MAJOR U.S. PEER
INTERCONNECT POINTS**

In a small percentage of cases, SAVVIS says, it must route data through a MAE or NAP to reach networks that are not directly connected to one of SAVVIS' PNAP service providers. Since SAVVIS purchases full transiting connectivity from each of its service providers, SAVVIS has full access to the complete set of peering relationships of each provider. When routing to a MAE or NAP, SAVVIS selects the best service provider to route the data based upon the best peering connectivity to the destination network, the company says.

BUSINESS PRODUCTS

In addition to SAVVIS' Internet products, the company supports virtual channel and virtual path intranet connectivity in the 48 contiguous states. A variety of high-end hosting services are also available, including collocation

hosting with access at one or more PNAPs.

**BUSINESS CONTACT
INFORMATION**

Persons: Phil Levy

Positions: Vice President Sales /Business Development

Voice: (314) 719-2439

Facsimile: (314) 719-2499

MailTo: phill@savvis.com

http://www.savvis.com

DS-3

SAVVIS' ATM DS-3 Internet Service provides Asynchronous Transfer Mode access to the Internet with channelized ATM variable bit rate (VBR) interface at the customer's router utilizing ATM Forum compliant UNI 3.1 Usage Policing Control (UPC). VBR efficiently utilizes buffering in network switches and routers for reduced frame loss and highly reliable performance. The ATM DS-3 Internet service provides a flexible and upgradeable service plan. The customer may purchase from 3 to 45 Mbps of bandwidth.

**45 Mbps Dedicated DS-3
Leased Line Access**

For the following, peak cell rate (PCR) equals full DS-3 bandwidth; sustainable cell rate (SCR) equals half of PCR. SAVVIS endeavors to insure that SCR is delivered to a PNAP with low latency and zero loss.

Availability: All 19 pops

Average Installation Time: 30 days

Setup: \$6,000

Monthly:

Service	Bandwidth	Price
Bronze SCR	6 Mbps	\$14,450
Silver SCR	9 Mbps	\$21,675
Gold SCR	12 Mbps	\$29,675

Recommended Equipment: ATM Forum UNI 3.1 compliant router.

Fractional DS-3 Leased Line Access

Availability: All POPs

Average Installation Time: 30 days

Setup: \$6,000

Monthly:

Bandwidth	Price
3 Mbps	\$3,825
4 Mbps	\$5,100
5 Mbps	\$6,375
6 Mbps	\$7,650
7 Mbps	\$8,925
8 Mbps	\$10,200
9 Mbps	\$11,475
10 Mbps	\$12,750

Recommended Equipment: ATM Forum UNI 3.1 compliant router.

DS-1 Frame Relay Access

The Frame Relay DS-1 Internet service provides a flexible and upgradeable service plan. The customer may purchase from 256 Kbps to 1.544 Mbps.

**1.544 Mbps Dedicated DS-1 Leased
Line Access**

Availability: All 19 POPs

Average Installation Time: 30 days

Setup: \$2,000

Monthly: \$1,700

Recommended Equipment: Any DS-1 Frame Relay capable IP router.

Fractional DS-1 Leased Line Access

Availability: All POPs

Average Installation Time: 30 days

Setup: \$2,000

Monthly:

Bandwidth	Price
256 Kbps	\$800
512 Kbps	\$900
768 Kbps	\$1,000

Recommended Equipment: Any DS-1 Frame Relay capable IP router.

CONSUMER PRODUCTS

None

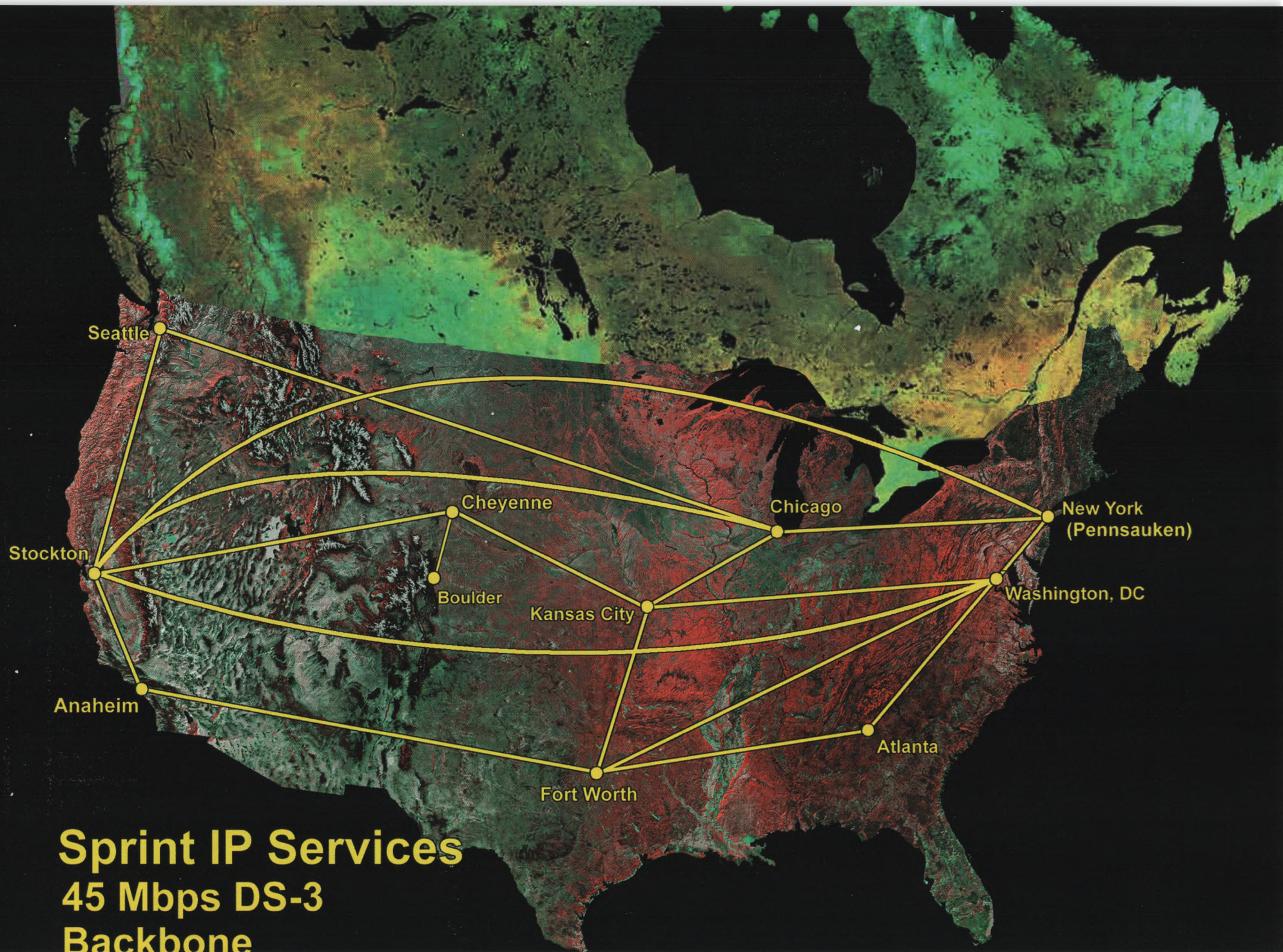
FUTURE EXPANSION PLANS

In addition to Internet and intranet products, SAVVIS will be capable of providing fully integrated multimedia connectivity to any business location. SAVVIS plans to integrate standard telephone and video, circuit emulation (DS-1, DS-3 and so on), data and Internet/intranet. SAVVIS plans to become a "one-stop-shop" for all telecommunication needs, which the company says will reduce costs and management overhead for its customers.

The company expects to add PNAPs in Washington, DC; Denver, CO; Seattle, WA; Orlando, FL; and Boston, MA by the first quarter 1998 and expects network expansion in the following cities by the fourth quarter of 1998: Salt Lake City, UT; San Diego, CA; Portland, OR; Miami, FL; Tampa, FL; Fort Lauderdale, FL; New Orleans, LA; Omaha, NE; San Jose, CA; San Antonio, TX; Raleigh Durham, NC; Las Vegas, NV; Tulsa, OK; Oklahoma City, OK; Minneapolis, MN; Saint Paul, MN; Milwaukee, WI; Indianapolis, IN; Cincinnati, OH; Stamford, CT; Charlotte, NC; Jacksonville, FL; Memphis, TN; Nashville, TN.

The company also plans to open sales offices in Washington, DC; Atlanta, GA; and Santa Clara, CA.

International expansion for 1998 is currently under study, however, customers can reach international destinations through MCI, Sprint and UUNET which also bypass the MAEs and the NAPs for international connectivity. ♦



Sprint IP Services
45 Mbps DS-3
Backbone

Sprint IP Services

Kansas City, Missouri

HISTORY

Sprint started as Brown Telephone Company in Abilene, Kansas in 1899. This grew into the United Telephone System and ultimately United Telecom. United Telecom, GTE Telenet, and GTE Sprint formed U.S. Sprint in July 1986. Today the company provides long-distance service to 15 million homes and businesses as well as local telephone service to 6.8 million homes in 19 states.

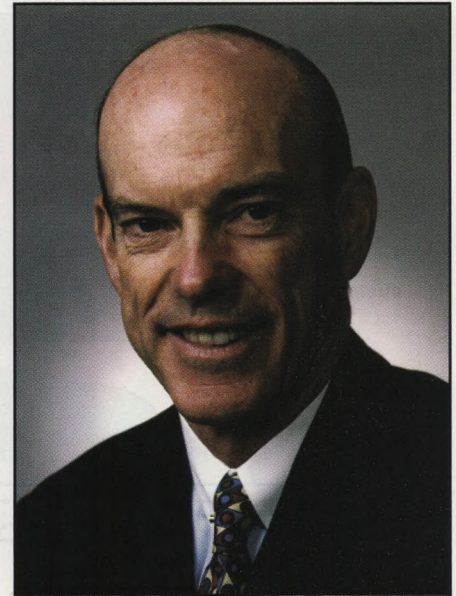
Sprint's IP Services group provides wide-area network (WAN) service for customers requiring Transmission Control Protocol/Internet Protocol (TCP/IP) networking, support for TCP/IP applications (i.e., Telnet, FTP and SMTP) and access to the global Internet. Sprint's commercial SprintLink service was conceived and planned after Sprint was awarded a cooperative agreement with the National Science Foundation (NSF) in January 1991 to act as NSF International Connections Manager (ICM), responsible for implementing and operating a TCP/IP-based router network service connecting the domestic NSF network (NSFnet) with research and education networks overseas.

Initially, Sprint provided connectivity to research networks in Stockholm, Sweden, and Sophia Antipolles, France.

Today, this network extends to London, Paris, Tokyo, China, Bonn, Malaysia, South Africa and the Middle East. Sprint remains the ICM in the aftermath of the NSFnet decommissioning in April 1995. Sprint also offers high speed connections to the Internet in 28 countries worldwide and claims more international connections than any other carrier.

Sprint's SprintLink service was started by Bob Collett and Bob Doyle in the basement of the Government Services Division building in Reston as an outgrowth of some work done on the federal government's FTS-2000 communication system contract. Sprint launched SprintLink in July 1992, making Sprint the first long-distance voice telephone carrier to offer a commercial Internet service. As of April, 1, 1996, dedicated Internet access has been provided by a new group titled *Sprint IP Services*. Service is available nationwide from all of Sprint's 212 points of presence (POPs). Sprint IP Service is available at various circuit speeds from 56/64 Kbps to 1.54 Mbps. Speeds up to 45 Mbps are available on a case-by-case basis.

SprintLink was the first TCP/IP-based WAN service offered by a long-distance voice telephone carrier. As a carrier, Sprint is responsible for operating and maintaining both network routing and



William T. Esrey, CEO

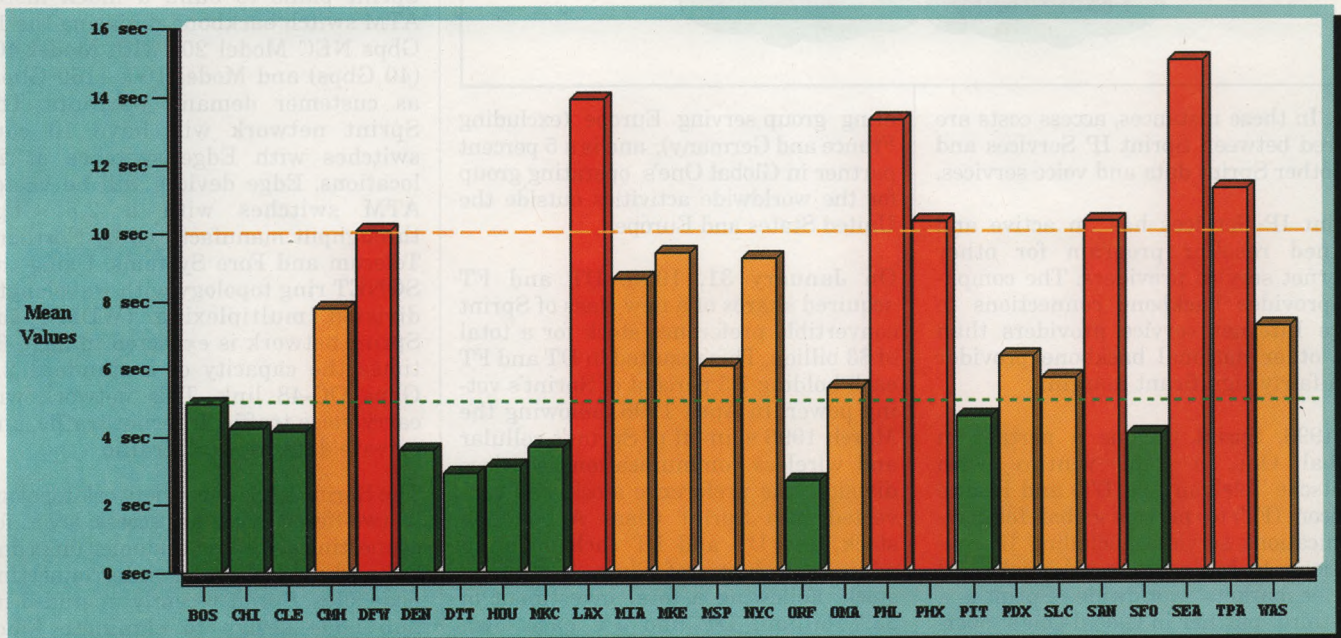
the underlying physical network. Most other public TCP/IP network service providers maintain network routers connected by physical links leased from one or more long distance carrier.

In an effort to reduce access costs, Sprint integrates access to Sprint IP Services on T-1 facilities used to access other Sprint services like WATS or 800 ser-

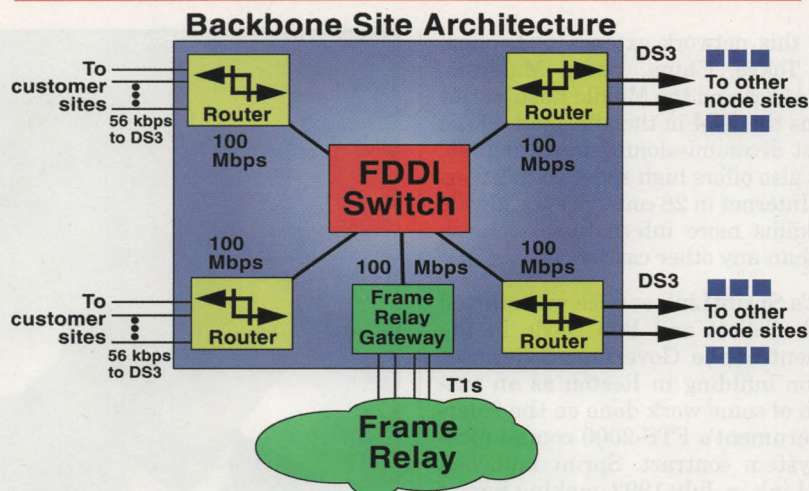
Sprint IP Services

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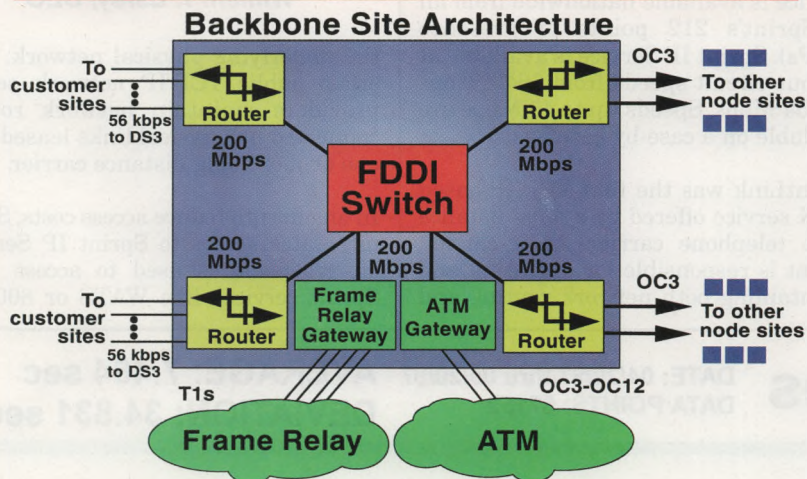
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DEVIATION: 34.831 sec



Sprint IP Services Architecture... Current Snapshot



Sprint IP Services Architecture... Upgrade



vice. In these instances, access costs are shared between Sprint IP Services and the other Sprint data and voice services.

Sprint IP Services has an active and defined reseller program for other Internet service providers. The company provides backbone connections to more Internet service providers than any other national backbone provider by a fairly significant margin.

In 1996, Sprint became a partner in Global One, a joint venture with Deutsche Telekom AG (DT) and France Telecom (FT) to provide global telecommunications services, including IP connections, to business, residential and carrier markets worldwide. Sprint is a one-third partner in Global One's oper-

ating group serving Europe (excluding France and Germany), and is a 5 percent partner in Global One's operating group for the worldwide activities outside the United States and Europe.

On January 31, 1996, DT and FT acquired shares of a new class of Sprint convertible preference stock for a total of \$3 billion. This resulted in DT and FT each holding 7.5 percent of Sprint's voting power. In April 1996, following the March 1996 spin-off of Sprint's cellular and wireless communications services division, the preference stock was converted into Sprint Class A common stock, and DT and FT each acquired additional shares of Class A common stock. Following a total investment of \$3.7 billion, DT and FT each own

shares of Class A common stock with 10 percent of Sprint's voting power.

Although the company reported earnings of more than \$1.1 billion for 1996, Sprint also reported a loss in operating capital of \$63.8 million. It attributed most of the loss to expenses related to such things as network expansion and improvement, marketing, and product creation for Sprint Internet Passport, its consumer Internet offering launched in the last quarter of the year. But the company said it can be reached by 85 percent of the U.S. population through a local call.

COMPANY DESCRIPTION

CEO: William T. Esrey
NYSE: FON
Consumer Subscribers: None
Business Accounts: 2,800
Revenues: \$14 billion (1996) (\$25 million Internet related)
Earnings: \$1.1 billion
Total POPs: 199
Employees: 48,265
World Headquarters: 2330 Shawnee Mission Parkway, Westwood, KS 66205; (913) 624-3000
Internet Product Line Office: 8140 Ward Parkway, Kansas City, MO 64114; (913) 624-6000
Sprint IPS Voice Info: (800) 817-7755
24-Hour Network Operations Center: (800) 877-5045 or (404) 859-7600
MailTo: sales@sprint.net
http: //www.sprint.com

CURRENT BACKBONE ARCHITECTURE

Sprint, with NEC America, has installed eight ATOMNET/M20 ATM switches over the last two years. Sprint plans to build a much faster ATM switch backbone replacing the 10 Gbps NEC Model 20s with Model 40s (40 Gbps) and Model 160s (160 Gbps) as customer demand warrants. The Sprint network will have 10 core switches with Edge switches at 29 locations. Edge devices will be Vector ATM switches with a 2.5 Gbps throughput manufactured by Northern Telecom and Fore Systems. Using the SONET ring topology with wavelength division multiplexing (WDM), the Sprint network is expected to have 64 times the capacity of a standard 2.4 Gbps OC-48 link. This network will carry voice traffic, Internet traffic, and private data network traffic.

The Sprint IP Services network topology is two-tiered with an access layer for connecting dedicated customer links and a backbone layer for interconnecting node sites. Sprint recently upgraded its hub node design to eliminate Fiber

**SPRINT IP SERVICES
POINTS OF PRESENCE**

Most dedicated access products are available from any of the following 330 points of presence.

Abilene, TX,
Adelanto, CA
Akron, OH
Albany, GA
Albany, NY
Albuquerque, NM
Altoona, PA
Amarillo, TX
Anaheim, CA
Ann Arbor, MI
Appleton, WI
Arlington, TX
Asheville, NC
Ashland, KY
Athens, TX
Atlanta, GA
Atlantic City, NJ
Auburn, IN
Augusta, GA
Austin, TX
Bakersfield, CA
Baltimore, MD
Baton Rouge, LA
Beaumont, TX
Bellwood, IL
Billings, MT
Biloxi, MS
Binghampton, NY
Birmingham, AL
Bismark, ND
Bloomington, IL
Bloomington, IN
Bluefield, WV
Boise, ID
Boston, MA
Bridgeport, CT
Brockton, MA
Bryan, TX
Buffalo, NY
Burlingame, CA
Camarillo, CA
Camden/Pennsauken, NJ
Carbondale, IL
Carlisle, PA
Cedar Rapids, IA
Chambersburg, PA
Champaign, IL
Charleston, SC
Charleston, WV
Charlotte, NC
Charlottesville, VA
Chattanooga, TN
Cheraw, SC
Cheyenne, WY
Chicago(Keeler), IL
Chicago(Prudential) IL
Chico, CA
Chillicothe, OH
Chipley, FL
Cincinnati, OH
Clairmont, CA
Clarksburg, WV
Clearwater, FL
Cleveland, OH
Clinton, IA
Coeur D'alene, ID
Colorado Springs, CO
Columbia, MO
Columbia, SC
Columbus, IN
Columbus, OH
Corpus Christi, TX
Covina, CA
Dallas, TX
Danbury, CT

Davenport, IA
Dayton, OH
Daytona Beach, FL
Dekalb, IL
Denton, TX
Denver, CO
Des Moines, IA
Des Plaines, IL
Detroit, MI
Dothan, AL
Downey, CA
Duluth, MN
Durham, NC
East Wenatchee, WA
Eau Claire, WI
Edinburg, VA
Edison, NJ
El Paso, TX
Elkhart, IN
Erie, PA
Essex Junction, VT
Eugene, OR
Evansville, IN
Everett, WA
 Fargo, ND
Fayetteville, AR
Fayetteville, NC
Flint, MI
Fostoria, OH
Framingham, MA
Franklin, NC
Fredericksburg, VA
Fresno, CA
Ft Lauderdale, FL
Ft Myers, FL
Ft Walton Beach, FL
Ft Wayne, IN
Ft Worth, TX
Gainesville, FL
Galesburg, IL
Garden City, NY
Grand Island, NE
Grand Rapids, MI
Greensboro, NC
Greenville, NC
Greenville, SC
Hackensack, NJ
Hagerstown, MD
Hamlet, NC
Hammond, IN
Harlingen, TX
Harrisburg, PA
Harrisonburg, VA
Hartford, CT
Helena, MT
Honolulu, HI
Houston, TX
Huntington, WV
Huntsville, AL
Indianapolis, IN
Iron Mountain, MI
Irving/Cowboy Jct., TX
Jackson, MS
Jacksonville, FL
Jacksonville, NC
Jefferson City, MO
Johnson City, TN
Joplin, MO
Junction City, KS
Kalamazoo, MI
Kansas City, MO
Killeen, TX
Knoxville, TN
La Crosse, WI
Lafayette, IN
Lafayette, LA
Lake Buena Vista, FL
Lakeland, FL
Lansing, MI
Las Cruces, NM
Las Vegas, NV
Lawrenceville, IL
Lexington, KY
Lima, OH
Lincoln, NE

Little Rock, AR
Long Beach, CA
Longview, TX
Los Angeles, CA
Louisville, KY
Lubbock, TX
Lynchburg, VA
Macon, GA
Madison, WI
Madisonville, KY
Manassas, VA
Manchester, NH
Mansfield, MA
Mansfield, OH
Martinsburg, WV
Mason City, IA
Mattoon, IL
McAllen, TX
Medford, OR
Melborne, FL
Memphis, TN
Miami, FL
Midland, TX
Milwaukee, WI
Minneapolis, MN
Mission Viejo, CA
Mobile, AL
Modesto, CA
Montgomery, AL
Morristown, NJ
Myrtle Beach, SC
Napa Valley, CA
Nashville, TN
New Bern, NC
New Haven, CT
New London, CT
New Orleans, LA
New York City (56th St) NY
New York City (Hudson), NY
Newark, NJ
Newport News, VA
Niagara Falls, NY
Norfolk, VA
North Chelmsford, MA
Oakland, CA
Ocala, FL
Oceanside, CA
Oklahoma City, OK
Omaha, NE
Ontario, CA
Orlando, FL
Oroville, CA
Owatonna, MN
Palm Springs, CA
Palo Alto, CA
Panama City, FL
Park Ridge, IL
Pensacola, FL
Peoria, IL
Philadelphia, PA
Phoenix, AZ
Pine Bluff, AR
Pittsburgh, PA
Plano, TX
Pontiac, MI
Portage, IN
Portland, ME
Portland, OR
Poughkeepsie, NY
Providence, RI
Provo, UT
Quincy, IL
Raleigh, NC
Rancho Cordova, CA
Redding, CA
Reno, NV
Reston, VA
Rialto, CA
Richmond, IN
Richmond, VA
Roanoke, VA
Rochester, NY
Rockford, IL
Rockville, MD
Rocky Mount, NC

Rolla, MO
Rolling Meadows, IL
Sacramento, CA
Saginaw, MI
Salem, OR
Salinas, CA
Salisbury, MD
Salt Lake City, UT
San Angelo, TX
San Antonio, TX
San Bruno, CA
San Diego, CA
San Francisco, CA
San Jose, CA
San Juan, PR
San Luis Obispo, CA
Santa Ana, CA
Santa Barbara, CA
Santa Cruz, CA
Santa Maria, CA
Santa Monica, CA
Santa Rosa, CA
Sarasota, FL
Satsuma, TX
Savannah, GA
Sciotoville, OH
Scotts Bluff, NE
Scranton, PA
Seattle, WA
Shreveport, LA
Silver Spring, MD
Sioux City, IA
Sioux Falls, SD
Smyrna, GA
Solana Beach, CA
South Bend, IN
Southern Pines, NC
Sparta, NJ
Spartanburg, SC
Spokane, WA
Springfield, IL
Springfield, MA
Springfield, MO
St Cloud, MN
St Louis, MO
St Paul, MN
St Petersburg, FL
Stamford, CT
Sterling, IL
Stockton, CA
Syracuse, NY
Tacoma, WA
Tallahassee, FL
Tampa, FL
Terre Haute, IN
Texarkana, TX
Toledo, OH
Topeka, KS
Trenton, NJ
Tucson, AZ
Tulsa, OK
Tyler, TX
Van Buren, AR
Van Nuys, CA
Ventura, CA
Vincennes, IN
Waco, TX
Walnut Creek, CA
Warrensburg, MO
Washington, DC
Wausau, WI
Wentzville, MO
West Palm Beach, FL
White Plains, NY
Wichita, KS
Wichita Falls, TX
Wilmington, DE
Wilmington, NC
Winchester, VA
Winston/Salem, NC
Winter Park, FL
Worcester, MA
Worthington, OH
Wytheville, VA
Youngstown, OH

Distributed Data Interface (FDDI) LANs used to connect routers at node sites. The network currently uses Cisco 7513 routers throughout, and Sprint worked closely with Cisco in the development of this router model. Customer access routers are connected to the backbone switching routers using DEC Gigaswitch devices which replaced the FDDI rings previously used. Backbone routers are independent of customer terminations with the exceptions of T-3 customer connections. The network design includes a two-tiered logical architecture to match the physical design.

Each Sprint IP Services site has at least two physical backbone paths to ensure survivability in the event of a brief outage. Each site has at least two backbone routers deployed to complement the physical link diversity. Sprint routers are deployed in environmentally protected Sprint central office switch sites to provide high circuit and equipment availability. DS-3 routes are being replaced with Synchronous Optical Network (SONET) rings for greater bandwidth and reliability.

Sprint helped develop the BGP dampening concept extant in the latest Cisco routers to control IP route flapping. Sprint has been aggressive in deleting routes to small Class C addresses to control routing table size and as a result, **NOT ALL INTERNET SITES MAY BE AVAILABLE** from the Sprint network.

Senior Network Engineer: Sean Doran
MailTo: smd@icp.net
Chief Technical Officer: Marty Kaplan

BACKBONE CITIES

Sprint IPS maintains major backbone node site router presence in the following cities connected by 45 Mbps DS-3 circuits:

Atlanta, GA
 Anaheim, CA
 San Francisco (Stockton), CA
 Seattle, WA
 Cheyenne, WY
 Fort Worth, TX
 Kansas City, MO
 Chicago, IL
 Washington DC
 Pennsauken, NJ
 Boulder, CO

MAJOR PEER INTERCONNECT POINTS

Sprint operates one of the four official Network Access Points designated by the National Science Foundation. Referred to as the New York NAP, it is actually located in Pennsauken, New Jersey, across the river from Philadelphia. Additionally, Sprint interconnects with other network

212 SPRINT INTERNET PASSPORT DIAL-UP POINTS-OF-PRESENCE

800 Number	800-546-0030	Toledo	419-255-6113	Garden Grove	714-379-6900
Paterson	201-279-4462	Mansfield	419-589-2131	Santa Ana	714-550-5000
Newark	201-639-6000	Chattanooga	423-266-1194	Rochester	716-758-0051
Hackensack	201-692-6400	Knoxville	423-523-8073	Buffalo	716-847-0402
Morristown	201-993-3067	Little Rock	501-375-0183	Carlisle	717-241-5774
Washington	202-828-5300	Louisville	502-583-9223	Wilkes-Barre	717-820-7781
Bridgeport	203-332-7365	Salem	503-375-9946	York	717-845-4876
New Haven	203-624-6360	Portland	503-417-0660	Colorado Springs	719-385-0854
Waterbury	203-759-1945	Baton Rouge	504-344-0514	Salt Lake City	801-359-1992
Danbury	203-778-3636	New Orleans	504-524-5676	Provo	801-373-6851
Stamford	203-961-1010	Albuquerque	505-764-9735	Burlington	802-660-0096
Huntsville	205-533-3568	Lowell	508-459-2899	Columbia	803-254-4297
Birmingham	205-942-4576	Falmouth	508-540-3205	Charleston	803-723-0991
Tacoma	206-383-4903	Framingham	508-620-7385	Newport News	804-595-0721
Seattle	206-470-8700	Lawrence	508-686-9528	Richmond	804-788-0809
Boise	208-343-7896	Worcester	508-791-7256	Charlottesville	804-977-0971
Fresno	209-233-8341	Spokane	509-747-9279	Thousand Oaks	805-497-0861
Stockton	209-478-2251	Fremont	510-249-0218	San Luis Obispo	805-543-8405
San Antonio	210-226-7239	Oakland	510-446-7900	Bakersfield	805-631-0731
New York City	212-365-4000	Hayward	510-538-1385	Ventura	805-650-0047
Los Angeles	213-857-6770	Concord	510-687-0369	Santa Barbara	805-962-4610
Dallas	214-757-4700	Pinole	510-724-2734	Warren	810-573-9534
Philadelphia	215-854-1413	Austin	512-927-8006	Flint	810-767-9582
Cleveland	216-420-9100	Dayton	513-461-4939	Southfield	810-827-2789
Kent	216-678-8449	Cincinnati	513-579-1007	Pontiac	810-858-9977
Warsaw	219-267-1469	Des Moines	515-281-0310	Tampa	813-307-9709
South Bend	219-288-0059	Hempstead	516-292-4392	St Petersburg	813-328-5500
Ft. Wayne	219-422-4903	Glenmont/Albany	518-433-8101	Erie	814-459-2979
Gary	219-881-0084	Tucson	520-770-0527	Joliet	815-722-0194
Myersville	301-293-2198	Fredericksburg	540-371-9369	Rockford	815-962-0493
Newark	302-429-0908	Eugene	541-683-1223	Kansas City	816-472-0048
Aurora	303-306-2500	Medford/White City	541-772-6890	Lake Lotowanna	816-578-4368
Miami	305-350-2228	Boca Raton	561-395-5976	Ft. Worth	817-332-1991
San Pedro	310-241-0730	West Palm Beach	561-820-8849	Killeen	817-526-0061
Marina Del Rey	310-302-8500	Jefferson City	573-634-3075	Glendale	818-507-0058
Chicago/Park Ridge	312-938-0700	Jackson	601-354-2877	Woodland Hills	818-887-0305
Ann Arbor	313-741-1998	Phoenix	602-716-8500	Covina	818-967-4615
Detroit	313-965-7623	Concord	603-225-0470	Libertyville	847-362-0137
St Louis	314-421-0035	Manchester	603-645-1970	Arlington Heights	847-670-4000
Syracuse	315-448-0151	Nashua	603-880-2014	Winnetka	847-835-9586
Wichita	316-264-4161	Lexington	606-231-6568	New London	860-444-7871
Indianapolis	317-299-2795	Binghamton	607-773-7702	Hartford	860-560-0068
Greenville	318-232-6827	Madison	608-257-0441	Greenville	864-232-6908
Lafayette	318-233-1930	Pennsauken	609-317-0639	Memphis	901-525-1000
Canton	330-455-3464	Trenton	609-421-2119	Tallahassee	904-222-9767
Kent	330-678-2264	Atlantic City	609-449-1266	Holly Hill/Daytona	904-252-4908
Warren	330-856-2928	Marlton	609-797-9083	Jacksonville	904-353-5610
Montgomery	334-264-9529	Princeton	609-799-8426	Pensacola	904-469-1890
Gainesville	352-331-9693	Allentown	610-770-1343	Niceville	904-897-1856
Poulsbo	360-697-5085	King of Prussia	610-992-4200	Ft. Walton Beach	904-897-1856
Olympia	360-705-3216	Minneapolis	612-332-0318	Rahway	908-381-1746
Providence	401-453-4423	Columbus	614-461-9680	Clinton	908-713-0766
Omaha	402-342-7157	Nashville	615-726-2934	New Brunswick	908-828-4378
Atlanta	404-221-9782	Kalamazoo	616-381-2567	Freehold	908-863-0289
Oklahoma City	405-270-0944	Grand Rapids	616-774-4809	Corona	909-278-0117
Orlando/Winter Park	407-426-2331	Boston	617-574-2580	Colton	909-824-5282
Melbourne	407-725-4604	Lexington	617-862-9469	Greensboro	910-299-1628
San Jose	408-295-0136	Belleville	618-277-0581	Fayetteville	910-485-5142
Santa Cruz	408-425-1198	San Diego	619-233-4045	Winston-Salem	910-785-3924
Annapolis	410-266-1575	Thousand Palms	619-343-0951	Savannah	912-651-9027
Relay	410-379-8238	Escondido	619-781-3900	Poughkeepsie	914-471-8178
Pittsburgh	412-338-1498	Victorville	619-951-5225	White Plains	914-949-0012
Springfield	413-733-6314	Aurora	630-896-0915	El Paso	915-532-3277
Milwaukee	414-481-0539	Las Vegas	702-380-1001	Rancho Cordova	916-851-0795
San Rafael	415-499-8465	Reno	702-825-0159	Chico	916-894-8916
San Carlos	415-591-1702	Reston	703-707-2800	Tulsa	918-584-6878
Palo Alto	415-856-3105	Woodbridge	703-492-0562	Raleigh/ Wake Forest	919-510-7981
San Francisco	415-977-0100	Charlotte	704-332-7119	Greenville	919-551-6706
Springfield	417-865-4632	Augusta	706-722-7821	Naples	941-263-0950
Lima	419-221-2363	Fairfield	707-426-9885	Ft. Meyers	941-334-0072
		Santa Rosa	707-523-1027	Sarasota	941-362-4710
		Calumet City	708-474-6030	Lakeland	941-680-1377
		Naperville	708-527-2223	Ft. Lauderdale	954-779-2747
		Houston	713-228-1739		

backbones at the following significant network access points:

CIX - Palo Alto, CA
 FIX East - College Park, MD
 FIX West - Mountain View, CA
 MAE East - Washington, DC
 Ameritech Chicago NAP - Chicago, IL
 PacBell San Francisco NAP - San Francisco, CA

BUSINESS PRODUCTS

Sprint has recently added availability of 6 Mbps and 12 Mbps connections using multiple T-1 line configurations and the Digital Link DL-3800 inverse multiplexers. Sprint IP Services requires a minimum one-year commitment for all installations and offers additional discounts for longer terms.

BUSINESS CONTACT INFORMATION

SPRINT BUSINESS SERVICES GROUP

Street address: Two Lincoln Center, 5420 LBJ Frwy., Suite 1700, Dallas, TX 75240
Voice: (800) 817-7755
MailTo: sales@sprint.net
http://www.sprintlink.net
http://www.sprintlink.net/SPLK/HB21.html
http://www.sprintbiz.com/ip/ip2.htm

45 MBPS T-3 CONNECTIONS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$6,000
Monthly: \$20,620
Recommended Equipment:

12 Mbps MULTIPLE T-1 LEASED LINE ACCESS

Sprint recently introduced NxT1 service allowing the use of multiple T-1 connections in increments of 4 T-1s for 6 Mbps or 8 T-1s for 12 Mbps using the Digital Link DL-3800 inverse multiplexer. The 4-port version of this device is priced at \$10,080 for purchase or lease with maintenance at \$544.50 per month. The company recommends use of 7xxx series Cisco routers with this configuration. With NxT1 service, multiple 1.544 Mbps T-1 lines can be connected for increased bandwidth, but multi-homing to different Sprint hub nodes can also be accomplish for redundancy.

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$4,000
Monthly: \$13,839
Recommended Equipment: Digital Link DL-3800 - 8-port model and Cisco 7xxx series router

6 Mbps MULTIPLE T-1 LEASED LINE ACCESS

Availability: See dedicated access POP list

Average Installation Time: 40 calendar days
Setup: \$3,000
Monthly: \$7,987
Recommended Equipment: Digital Link DL-3800 4 -port model with Cisco 7xxx series router

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$2,062
Recommended Equipment: Cisco, Bay Networks, 3Com

768 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$1,972
Recommended Equipment: Cisco, Bay Networks, 3Com

640 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$1,883
Recommended Equipment: Cisco, Bay Networks, 3Com

512 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$1,793
Recommended Equipment: Cisco, Bay Networks, 3Com

384 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$1,614
Recommended Equipment: Cisco, Bay Networks, 3Com

256 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$1,524
Recommended Equipment: Cisco, Bay Networks, 3Com

128 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days
Setup: \$1,000
Monthly: \$1,345
Recommended Equipment: Cisco, Bay Networks, 3Com

56/64 Kbps LEASED LINE ACCESS

Availability: See dedicated access POP list
Average Installation Time: 40 calendar days

Setup: \$750
Monthly: \$897
Recommended Equipment: Cisco, Bay Networks, 3Com

SPRINT INTERNET AND INTRANET DIAL

Availability: See dial-up access POP list
Average Installation Time: 4-5 calendar days
Setup: \$0
Monthly: \$0
Hourly: \$1.50 hourly
Recommended Equipment: 28.8 kbps V.34 modem

CONSUMER PRODUCTS

Sprint announced last summer a new consumer dial-up access service titled *Sprint Internet Passport*, matching AT&T Worldnet's \$19.95 per month unlimited access program. Customers have a choice of \$19.95 monthly for unlimited access, or \$1.50 hourly with no minimum access. There are no setup charges and the first month is free. Billing is to credit card.

The service includes the Netscape Navigator browser, a POP-3 e-mail account with 1 MB of mail storage, Usenet News access, and 24x7 customer support via a toll free 800 number. It also includes a rebate certificate for a 28.8 Kbps modem.

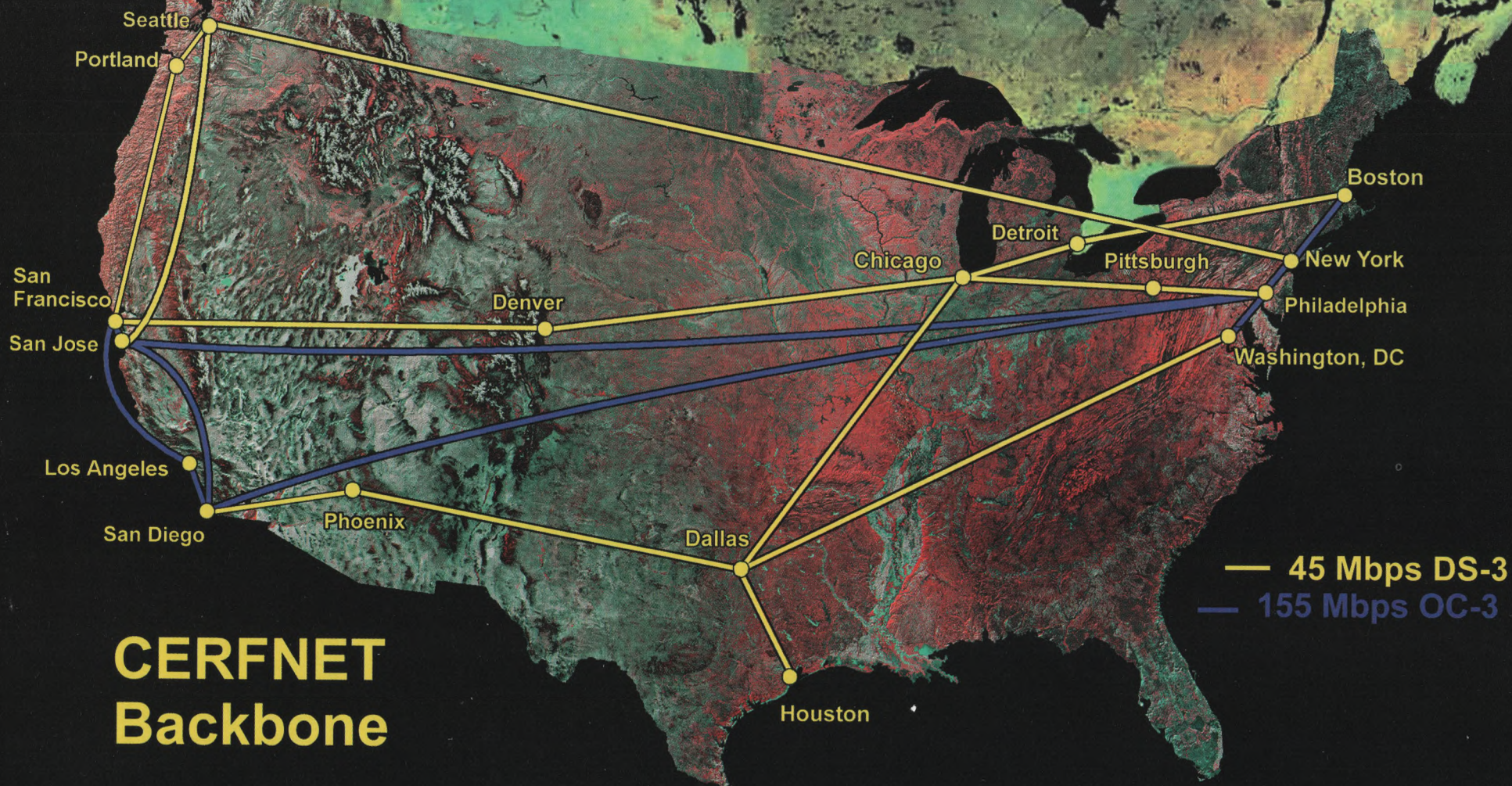
Contact **(800) 359-3900** to order Sprint Internet Passport. More information on the service is available at <http://www.sprint.com/sip/>.

Service: Sprint Internet Passport
Availability: See Dial-up POP List
Average Install Time: 2-3 days
Setup Charge: Free
Monthly: \$19.95
Hours Included: Unlimited
Hourly Option: \$1.50 per hour with no monthly minimum
Toll Free 800 Number Surcharge: \$4.80/hr
Recommended Equipment: Personal computer and 28.8 kbps V.34 modem

FUTURE EXPANSION PLANS

As of May, the company had nearly 50 percent of its traffic rolled over to SONET. Sprint installed more equipment than anticipated, but the growth in customers has made the percentage of traffic on SONET lower than anticipated. The company expects the network to be all SONET by 1998.

Thirty percent of the network is using Wave Division Multiplexing technology. By the end of the year, the company expects that 70 percent of the network will use WDM and more than 90 percent by 1998. ♦



CERFNET Backbone

TCG CERFnet INC. San Diego, California

HISTORY

Founded in 1989 by General Atomics, CERFnet was an original participant in the National Science Foundation Network (NSFnet) that has evolved into the Internet. From its base as an ISP in southern California, CERFnet grew into a national backbone operator.

In 1991, along with PSI and UUNET, CERFnet founded the Commercial Internet Exchange (CIX). SprintLink joined shortly afterward.

On January 13, 1996, Teleport Communications Group Inc. (TCG), one of the nation's largest competitive local telephone companies, announced that it would acquire CERFnet from General Atomics in exchange for 2.1 million shares of TCG Class A common stock. Sources say TCG spent \$66 million to purchase CERFnet in the deal that closed February 4. Since TCG serves similar users in 57 major markets across the country, CERFnet will accelerate its nationwide business as its Internet services are packaged with TCG's complimentary telecommunications services.

TCG began in 1984 as Teleport Communications-New York to provide

private line and other dedicated access services. The company formed TCG in 1987 as an umbrella organization for national expansion. Four of the nation's largest cable television companies, Cox Communications, Inc., Tele-Communications, Inc., Comcast Corporation and Continental Cablevision, own 85 percent of TCG. The company is the nation's largest provider of competitive local exchange services for information intensive businesses. Through its fiber-optic-based networks, TCG offers technologically advanced private line, switched and data services. TCG plans to build eight new fiber optic networks in 1997 that will raise the number of markets served to 65.

CERFnet serves more than 6,000 corporate and professional customers, including financial companies, academic institutions, health care and entertainment companies, government services, defense contractors, utilities, and major computer and software companies. The company provides a full range of Internet-related services for corporate clients, including dial-up and dedicated Internet access, web hosting and collocation services and Internet training.

The company maintains a dual 45 Mbps Internet backbone, a triple redundant

24x7 network operating center (NOC) and completed a network upgrade to OC-3 in March. CERFnet has peering agreements with all of the top U.S. ISPs. In addition, the company connects to the largest and most critical exchange points including the New York and Chicago NAPs as well as MAE West, MAE East and MAE LA. The company has established global partnerships with ISPs in Japan and Germany.

COMPANY DESCRIPTION

Executive Vice President: Pushpendra Mohta
NASDAQ: TCGI
Consumer Subscribers: None
Business Accounts: 6,000
Revenues From Internet Operations: \$9.3 million
Earnings: \$1.8 million
Total POPs: 20
Employees: 100
Sales Office: Box 919014, San Diego, CA 92121
Voice: (888)CERFNET, (619) 433-3900
Facsimile: (619) 455-3990
MailTo: info@cerf.net
http: //www.cerf.net

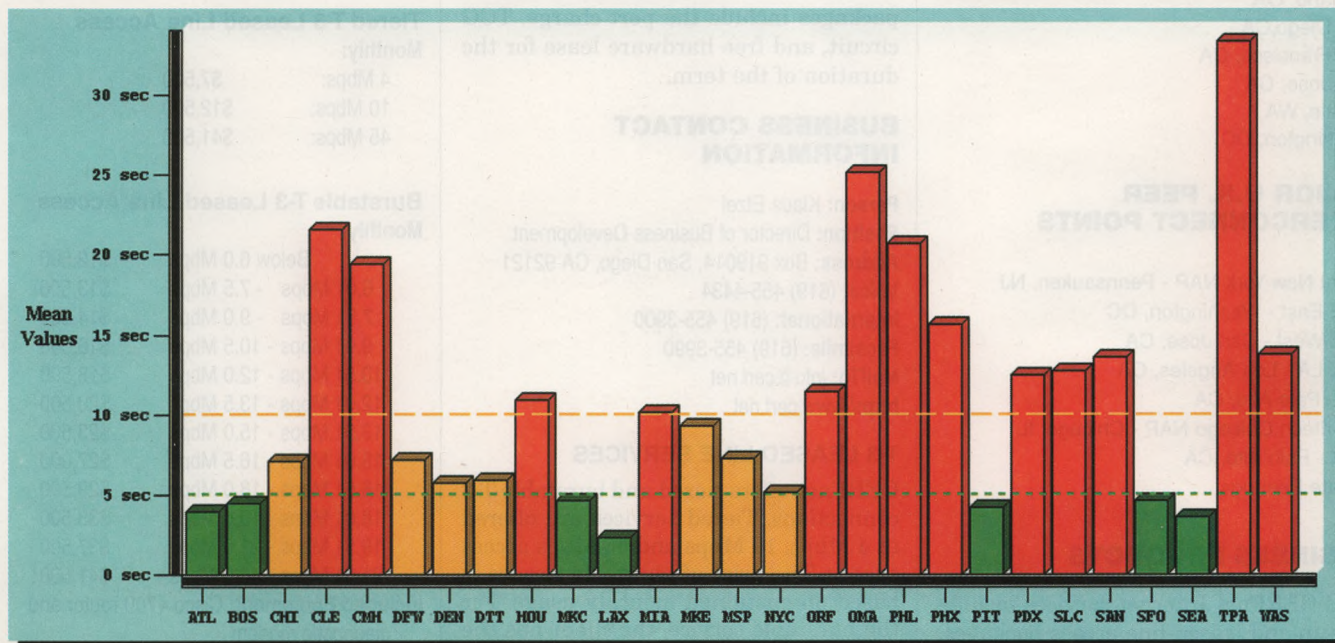
CURRENT BACKBONE ARCHITECTURE

CERFnet uses a combination of ATM and SONET technology in the design of its backbone. Each major Local Access

CERFnet

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 59838

AVERAGE: 10.521 sec
DEVIATION: 44.210 sec



and Transport Area (LATA) is served by at least two physically distinct backbone nodes for optimum reliability and performance. Backbone nodes are located at telco-hardened facilities with 24x7 secured access. Each node has high performance Cisco 7513 or 7000 routers with silicon switch engines, UPS and backup generators, and dual entrance fiber facilities. Each backbone node is served by at least two DS-3 circuits connecting it to two other CERFnet backbone nodes outside the local area. These DS-3 circuits are delivered on SONET rings to ensure complete physical diversity. In the worst case, packets leave CERFnet for the greater Internet using a path of at least DS-3 level capacity and no more than three wide area DS-3 speed loops. Each backbone node is directly connected to at least one NAP. The routing design and path selection are intended to ensure optimum packet routing to the destination.

Chief Network Architect:

Pushpendra Mohta

MailTo: pushp@cerf.net

U.S. BACKBONE CITIES

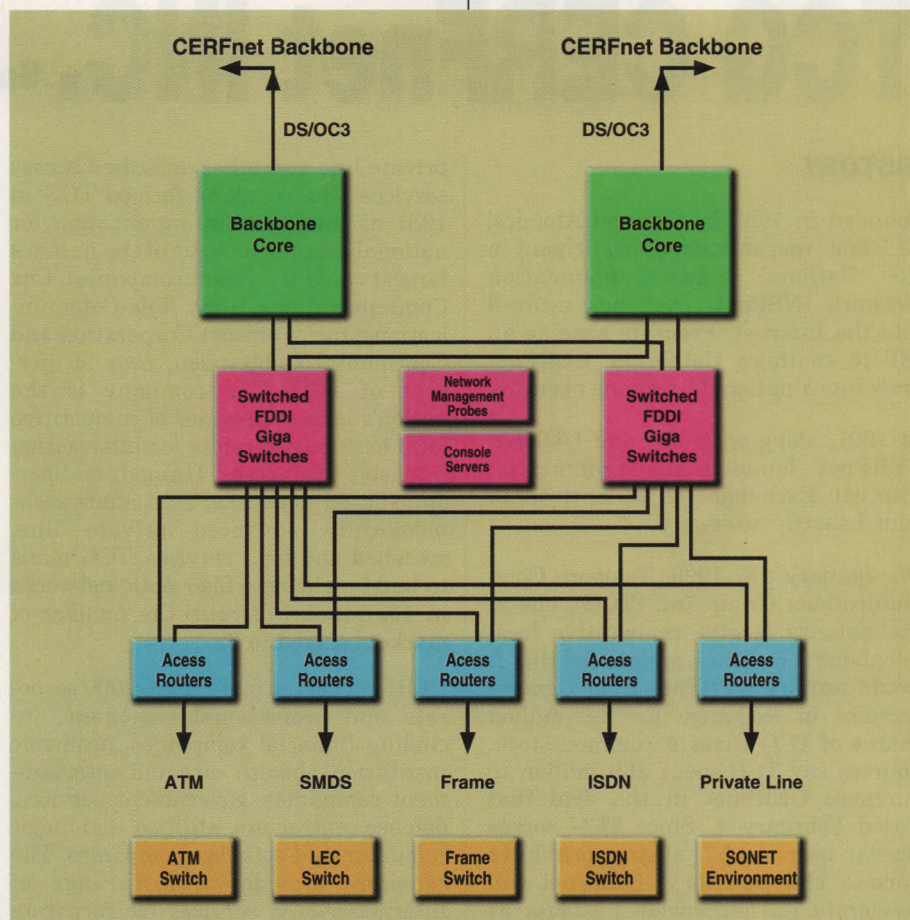
Anaheim, CA
Boston, MA
Chicago, IL
Dallas, TX
Denver, CO
Detroit, MI
Houston, TX
Los Angeles, CA
New York, NY
Philadelphia, PA
Phoenix, AZ
Pittsburgh, PA
Portland, OR
San Diego, CA
San Francisco, CA
San Jose, CA
Seattle, WA
Washington, DC

MAJOR U.S. PEER INTERCONNECT POINTS

Sprint New York NAP - Pennsauken, NJ
MAE East - Washington, DC
MAE West - San Jose, CA
MAE LA - Los Angeles, CA
CIX - Palo Alto, CA
Ameritech Chicago NAP - Chicago, IL
PAIX - Palo Alto, CA
Private Peerings

BUSINESS PRODUCTS

TCG CERFnet Internet services include dial-up and leased-line access packages,



Typical CERFnet hub.

and World Wide Web content hosting services with a choice of shared or collocated web servers. In addition, the company offers a dedicated line of services to ISPs ranging from leased-line access packages to web server collocation.

All of CERFnet's leased line access packages include the port charge, TCG circuit, and free hardware lease for the duration of the term.

BUSINESS CONTACT INFORMATION

Person: Klaus Etzel
Position: Director of Business Development
Address: Box 919014, San Diego, CA 92121
Voice: (619) 455-4434
International: (619) 455-3900
Facsimile: (619) 455-3990
MailTo: info@cerf.net
http://www.cerf.net

T-3 LEASED LINE SERVICES

CERFnet offers tiered and burstable T-3 connections. Tiered services are offered at 4 Mbps, 10 Mbps and 45 Mbps access speeds. The price of burstable service is based on sustained monthly usage. For the burstable service, the client has the

capability to burst to the full 45 Mbps at any time. Prices include circuits, equipment, service and circuit installation.

Availability: All backbone cities
Average Installation Time: 60 days
Setup: \$7,500

Tiered T-3 Leased Line Access Monthly:

4 Mbps:	\$7,500
10 Mbps:	\$12,500
45 Mbps:	\$41,500

Burstable T-3 Leased Line Access Monthly:

Below 6.0 Mbps	\$12,500
6.01 Mbps - 7.5 Mbps	\$13,500
7.51 Mbps - 9.0 Mbps	\$14,500
9.01 Mbps - 10.5 Mbps	\$16,500
10.51 Mbps - 12.0 Mbps	\$18,500
12.01 Mbps - 13.5 Mbps	\$20,500
13.51 Mbps - 15.0 Mbps	\$23,500
15.01 Mbps - 16.5 Mbps	\$27,000
16.51 Mbps - 18.0 Mbps	\$29,500
18.01 Mbps - 19.5 Mbps	\$33,500
19.51 Mbps - 21.0 Mbps	\$37,500
21.01 Mbps - 45.0 Mbps	\$41,500

Included Equipment: Cisco 4700 router and diagnostic modem

10 Mbps ETHERNET SERVICE

The company offers a 10 Mbps Ethernet handoff. Prices include circuits, equipment, service and circuit installation.

Availability: All backbone cities
Average Installation Time: 60 days
Setup: \$7,500
Monthly: \$10,000

T-1 LEASED LINE SERVICE

Availability: All backbone cities
Average Installation Time: 30 days
Setup: \$3,000
Monthly: \$2,100
Included Equipment: Cisco 2524 (includes CSU/DSU module and diagnostic modem)

128 Kbps FRAME RELAY SERVICE

Availability: All backbone cities
Average Installation Time: 30 days
Setup: \$3,000
Monthly: \$1,250
Included Equipment: Cisco 2524 (includes CSU/DSU, diagnostic modem)

56 Kbps FRAME RELAY SERVICE

Availability: All backbone cities
Average Installation Time: 30 days
Setup: \$2,500
Monthly: \$600
Included Equipment: Cisco 2501, Digital Link DL-80 and diagnostic modem

ISDN DIAL-UP LAN SERVICES

The company offers various ISDN packages for LAN connectivity at speeds of 64 Kbps and 128 Kbps. All packages include the lease of an ISDN router for the term of the contract at no extra charge. The ISDN dial-up services do not include ISDN circuit or usage costs; however, the monthly charges do include the equipment lease.

Small Business Advantage LAN Service (64 Kbps or 128 Kbps)

Availability: All backbone cities
Average Installation Time: 30 days
Setup: \$150
Monthly: \$199
Features: 16 IP addresses, 5 POP/e-mail accounts, Newsfeed, 5 MB web site
Included Equipment: Ramp Networks WebRamp

Dial n'CERF 128 Kbps ISDN

Availability: All backbone cities
Average Installation Time: 30 days
Setup: \$500
Monthly: \$500

Features: Class C address, Newsfeed, unmeasured hourly access
Included Equipment: Ramp Networks WebRamp

Dial n'CERF 64 Kbps ISDN

Availability: All backbone cities
Average Installation Time: 30 days
Setup: \$500
Monthly: \$325
Features: Class C address, Newsfeed, unlimited hourly access
Included Equipment: Ramp Networks WebRamp

WEB HOSTING

In 1994, CERFnet launched a technically-advanced web site hosting program, *SuperSite*, with shared or collocated facilities in San Diego, Los Angeles, San Francisco, New York City, Boston, Chicago, Princeton, and Philadelphia. Located in telco-hardened facilities, the CERFnet web farms provide 24x7 monitoring and maintenance, hot-swap hardware, fully conditioned UPS and backup generator power and support of all major and emerging web and Net technologies. The company offers web hosting services on shared servers, and on collocated dedicated servers provided either by the client or leased from TCG CERFnet. The server farms are redundantly connected to TCG CERFnet's backbone using FDDI technology. CERFnet offers and supports numerous software and hardware technologies including NetGravity, CyberCash and Real Audio.

CERF n'Web

Availability: Anywhere
Setup: \$250
Monthly: \$250
Storage limitations: 20 MB of disk space, up to 300 MB of data transfer per month.
Additional: \$50 per month for each additional 300 MB transferred; includes an additional 20 MB of disk space.
Features: Includes domain name registration, virtual host service, and statistics reporting.

SuperSite Collocation

Availability: San Diego, Los Angeles, San Francisco, New York, Boston, Chicago, Princeton, and Philadelphia
Setup: \$3,000
Monthly: \$3,500-\$6,000
Storage Limitations: None
Features: Ethernet connection, 24x7 server monitoring and maintenance, hardware hot swap

guarantee (if leased from CERFnet and unlimited data transfer).

CONSUMER PRODUCTS

Consumer Contact Information
Person: Sales Organization
Voice: (888) CERFNET
International: (619) 455-3900
Facimile: (619) 455-3990
Address: Box 919014, San Diego, CA 92121
http://www.cerf.net

COMBINED INTERNET ACCESS/WEB SITE SERVICE

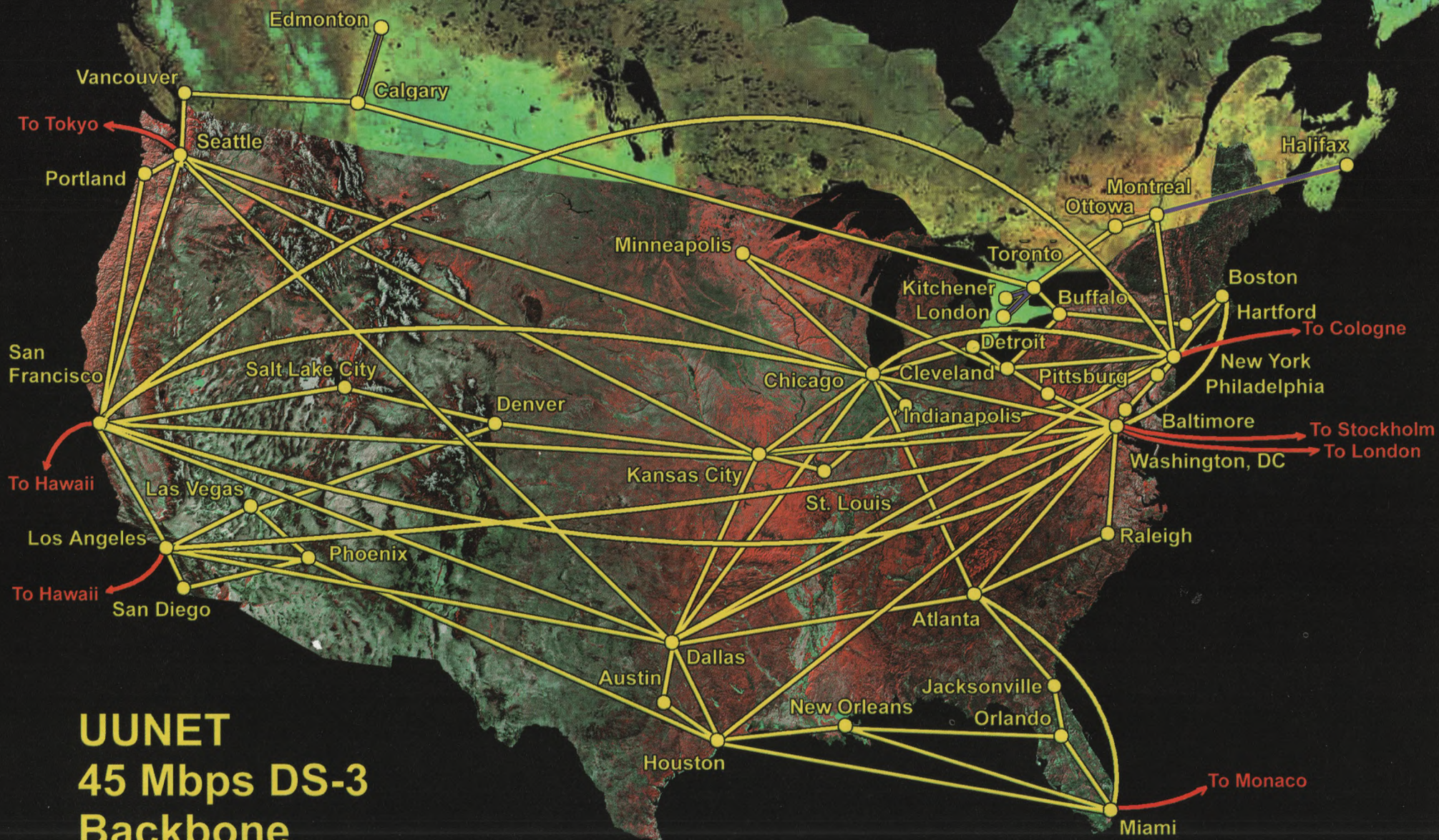
Dial n'CERF
Availability: All backbone cities
Average Installation Time: One business day
Setup: \$20
Monthly: \$20
Toll Free 800 Access: \$6 per hour
Number of Hours: 15
Web Hosting: 1 MB home page, 50 MB of data transfers
Additional Hours: \$2/hr
Recommended Equipment: ISDN card or router required for ISDN access.

Dial n'CERF AYC
Availability: All backbone cities
Average Installation Time: Overnight
Setup: \$99
Monthly: \$250
Number of Hours: Unlimited
Web Hosting: 1 MB home page, 50 MB of data transfers
Recommended Equipment: ISDN card or router required for ISDN access.

FUTURE EXPANSION PLANS

With the merger with Teleport Communications Group, CERFnet will have a fiber optic backbone of more than 6,200 miles connected to 57 key market areas throughout the U.S. An additional eight market areas will be added to the network backbone in 1997.

CERFnet will be adding SuperSite web farms as quickly as possible to meet business demands. ♦



UUNET
45 Mbps DS-3
Backbone

UUNET TECHNOLOGIES, INC. Fairfax, Virginia

HISTORY

Founded in 1987, UUNET Technologies, Inc. is the world's largest provider of Internet services, offering a comprehensive range of access options, World Wide Web hosting services, security products, and consulting services to more than 50,000 business customers in the United States and abroad. A wholly owned subsidiary of telephone giant WorldCom, UUNET has strategic alliances with Microsoft, GTE, EarthLink, Nielsen Media Research, USConnect, USA Networks, and many other major companies. It is the official Internet provider of The Microsoft Network.

UUNET's objective is to be the leading supplier to businesses and professionals of complete communications products and services using Internet-related technologies. To reach that goal, UUNET is constantly expanding its network infrastructure; developing and enlarging its line of products and services; building and leveraging relationships with strategic partners; and expanding operations worldwide. In February, for example, the Fairfax, Virginia-based company initiated the most ambitious network expansion in its 10-year history, a \$300 million upgrade that will more than quadruple the capacity across its nation-



John W. Sidgmore, Vice Chairman and COO (WorldCom), and President and CEO (UUNET)

al network in terms of backbone bandwidth and dial capacity.

In 1995 and 1996, UUNET moved aggressively to acquire other Internet providers outside the United States. Along with UUNET UK (formerly Unipalm/PIPEX Group PLC), the largest ISP in the United Kingdom and one of the largest in Europe, UUNET acquired Metrix Interlink in Canada (now UUNET Canada-Montreal), EUnet Germany (now UUNET Germany), a majority interest in UUNET Canada-Toronto, and Innet, a Belgian ISP. These UUNET subsidiaries' backbones are also interconnected to the UUNET global

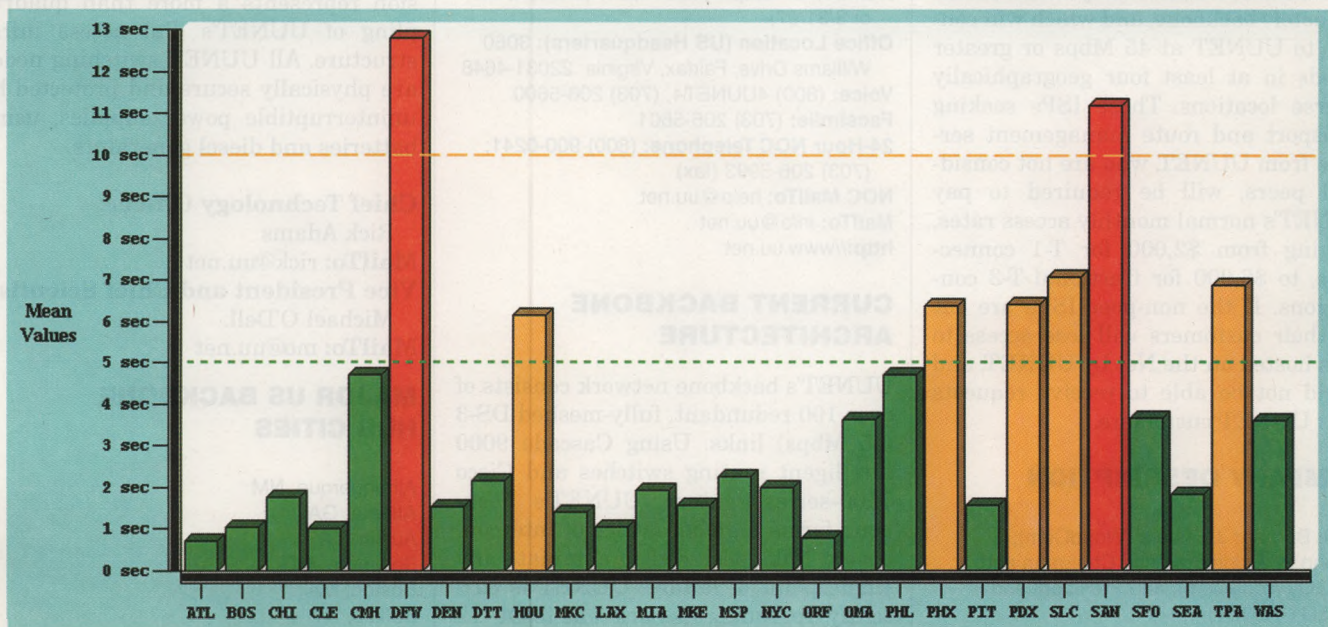
backbone. As of May 1997, UUNET had 18 global backbone access hubs in 12 countries and offered local access in nearly 1,000 cities, including over 500 outside the United States.

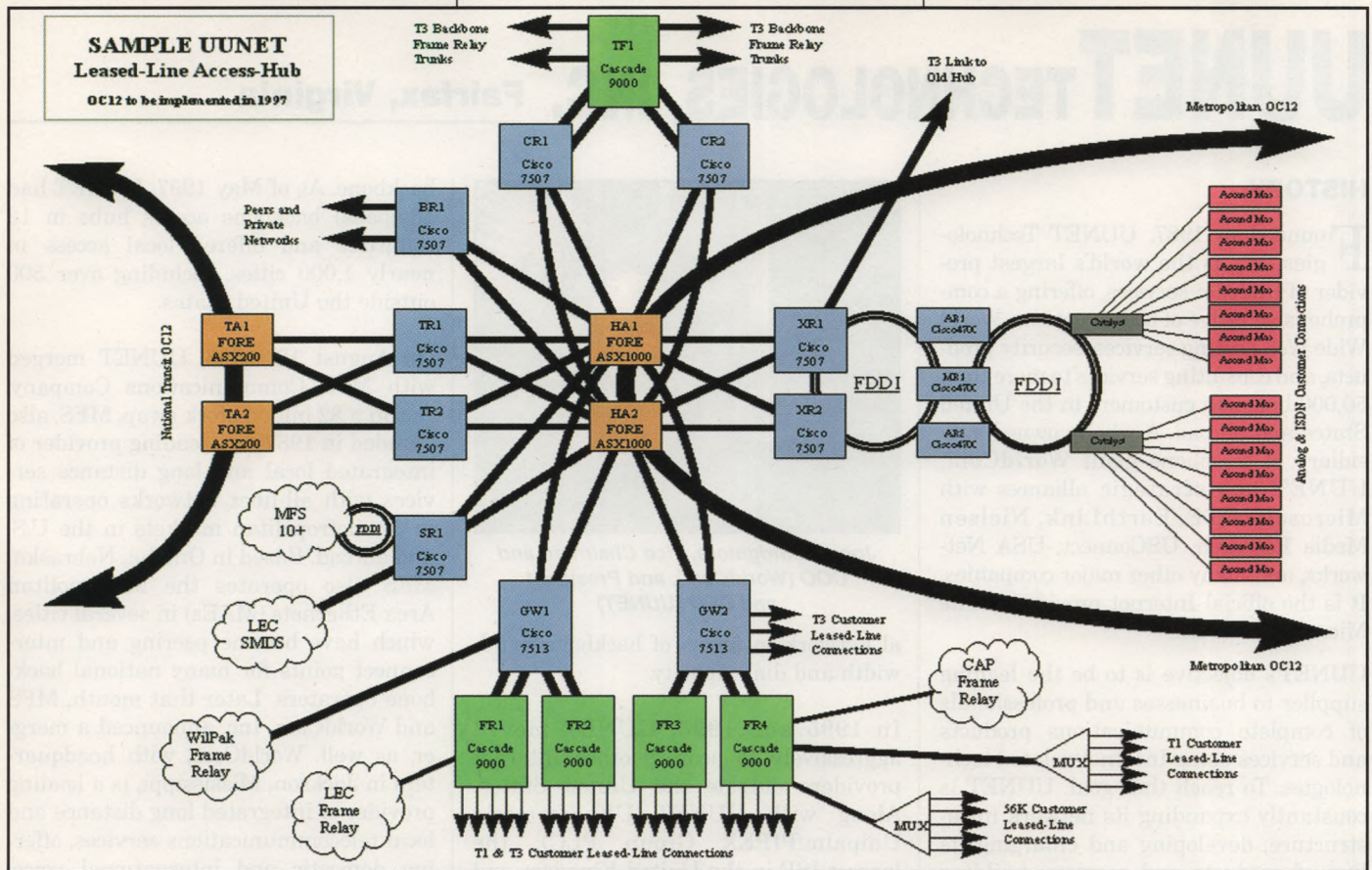
On August 12, 1996, UUNET merged with MFS Communications Company, Inc. in a \$2 billion stock swap. MFS, also founded in 1987, is a leading provider of integrated local and long distance services with all-fiber networks operating in 52 metropolitan markets in the U.S. and abroad. Based in Omaha, Nebraska, MFS also operates the Metropolitan Area Ethernet (MAEs) in several cities, which have become peering and interconnect points for many national backbone operators. Later that month, MFS and WorldCom, Inc. announced a merger, as well. WorldCom, with headquarters in Jackson, Mississippi, is a leading provider of integrated long distance and local telecommunications services, offering domestic and international voice, data, Internet, and video products and services to business customers, other carriers, and the residential market. The company operates a nationwide digital fiber optic network in the United States and has worldwide network capacity. The WorldCom/MFS merger was completed on December 31, 1996, creating a

UUNET

DATE: 04/20/97 thru 05/20/97
DATA POINTS: 60420

AVERAGE: 3.473 sec
DEVIATION: 20.978 sec





telecommunications powerhouse with \$5.64 billion in annualized revenues and more than 500,000 business customers in North America, Europe, and Asia.

On May 12, 1997, UUNET announced that it will no longer accept peering requests from ISPs who cannot route traffic on a bilateral and equitable basis. UUNET said it will only peer with other ISPs who operate a national network with a dedicated, diversely routed, DS-3 (or faster) backbone, and which will connect to UUNET at 45 Mbps or greater speeds in at least four geographically diverse locations. Those ISPs seeking transport and route management services from UUNET, who are not considered peers, will be required to pay UUNET's normal monthly access rates, ranging from \$2,000 for T-1 connections, to \$6,000 for fractional T-3 connections. If the non-peer ISPs are cut off, their customers will lose access to sites hosted on the Net by UUNET, and would not be able to receive requests from UUNET customers.

COMPANY DESCRIPTION

CEO: Bernard J. Ebberts (WorldCom); John W. Sidgmore, Vice Chairman and COO (WorldCom), and President and CEO (UUNET)

NASDAQ: WCOM

Consumer Subscribers: None
Business Dedicated and Dial Access Accounts: Over 50,000 (UUNET)
Annual Revenues: \$4.4 billion (1996)
Earnings: -\$2.2 billion (1996)
Annual Revenues From Internet Operations: \$171.8 million for the nine months ended September 30, 1996 (UUNET)
Total POPs: About 1,000 worldwide; 399 U.S.
Total Dial-up Ports: None
Number Of Employees: 1,244 (UUNET, as of 3/31/97)
Office Location (US Headquarters): 3060 Williams Drive, Fairfax, Virginia 22031-4648
Voice: (800) 4UUNET4, (703) 206-5600
Facsimile: (703) 206-5601
24-Hour NOC Telephone: (800) 900-0241; (703) 206-5993 (fax)
NOC MailTo: help@uu.net
MailTo: info@uu.net
http://www.uu.net

CURRENT BACKBONE ARCHITECTURE

UUNET's backbone network consists of over 100 redundant, fully-meshed DS-3 (45 Mbps) links. Using Cascade 9000 intelligent routing switches and Cisco 7500-series routers, UUNET's backbone forms a global lattice of interconnected links designed to eliminate any single point of failure. UUNET is currently upgrading its backbone to OC-12

(622 Mbps) connections. This will involve installing ASX-200 and ASX-1000, ATM type switches. To increase the number of dial access ports, the company is installing high-density MAX TNT remote access concentrators from Ascend Communications. The MAX TNT concentrators, which support both analog and digital dial-up traffic, will be deployed throughout the U.S., Canada, and Puerto Rico. The expansion represents a more than quadrupling of UUNET's dial access infrastructure. All UUNET switching nodes are physically secure and protected by uninterruptible power supplies, using batteries and diesel generators.

Chief Technology Officer:

Rick Adams
MailTo: rick@uu.net
Vice President and Chief Scientist: Michael O'Dell.
MailTo: mo@uu.net

MAJOR US BACKBONE HUB CITIES

Albuquerque, NM
 Atlanta, GA
 Austin, TX
 Baltimore, MD
 Boston, MA
 Buffalo, NY

Chicago, IL
Cleveland, OH
Dallas, TX
Denver, CO
Detroit, MI
Fairfax, VA
Falls Church, VA
Hartford, CT
Houston, TX
Indianapolis, IN
Jacksonville, FL
Kansas City, MO
Las Vegas, NV
Los Angeles, CA
Miami, FL
Minneapolis, MN
New Brunswick, NJ
New Orleans, LA
New York, NY
Newark, NJ
Orlando, FL
Palo Alto, CA
Philadelphia, PA
Phoenix, AZ
Pittsburgh, PA
Portland, OR
Raleigh, NC

Salt Lake City, UT
San Diego, CA
San Jose, CA
San Francisco, CA
Santa Clara, CA
Seattle, WA
St. Louis, MO
Tampa, FL
Tyson's Corner (Vienna), VA
Washington, DC

MAJOR INTERNATIONAL BACKBONE HUB CITIES

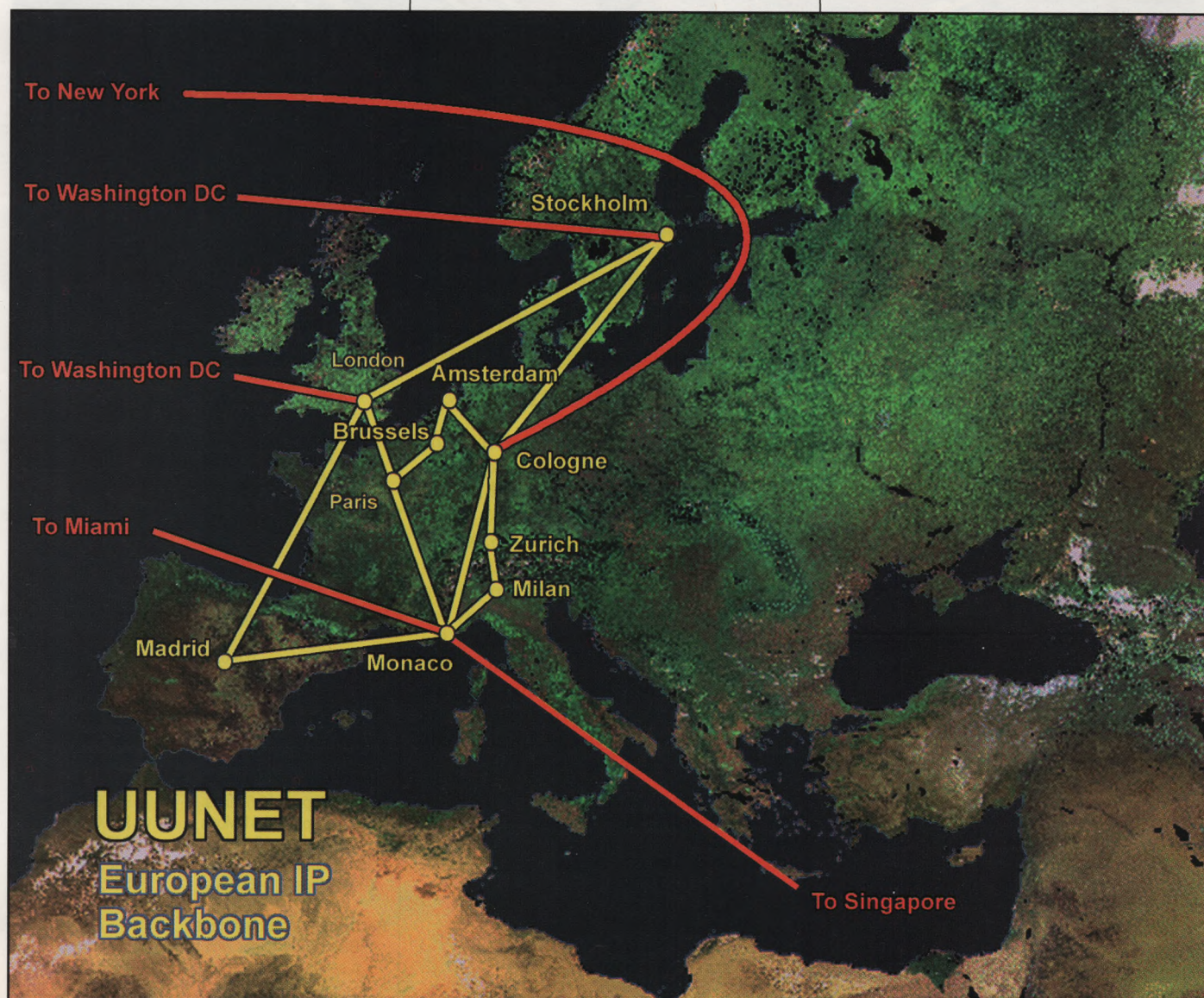
UUNET has four international DS-3 links, connecting the U.S., Canada, and Europe. Between Asia and the U.S., UUNET operates multiple E-1 links, for 24 Mbps of aggregate transpacific bandwidth. Within Europe and Asia, UUNET operates multiple E-1 links. Dedicated, leased-line Internet access can be purchased from the following hubs at speeds ranging from 64 Kbps to multi-megabit connections. In addition, UUNET plans to convert its Sydney,

Australia hub to a full, IP-switching location by this fall.

Amsterdam, The Netherlands
Brussels, Belgium
Calgary, AB, Canada
Edmonton, AB, Canada
Hong Kong, China
Milan, Italy
Monte Carlo, Monaco
Montreal, PQ, Canada
Ottawa, ON, Canada
Paris, France
Singapore, Malaysia
Stockholm, Sweden
Sydney, Australia
Tokyo, Japan
Toronto, ON, Canada
Vancouver, BC, Canada
Winnipeg, MB, Canada
Zurich, Switzerland

MAJOR US PEER INTERCONNECT POINTS:

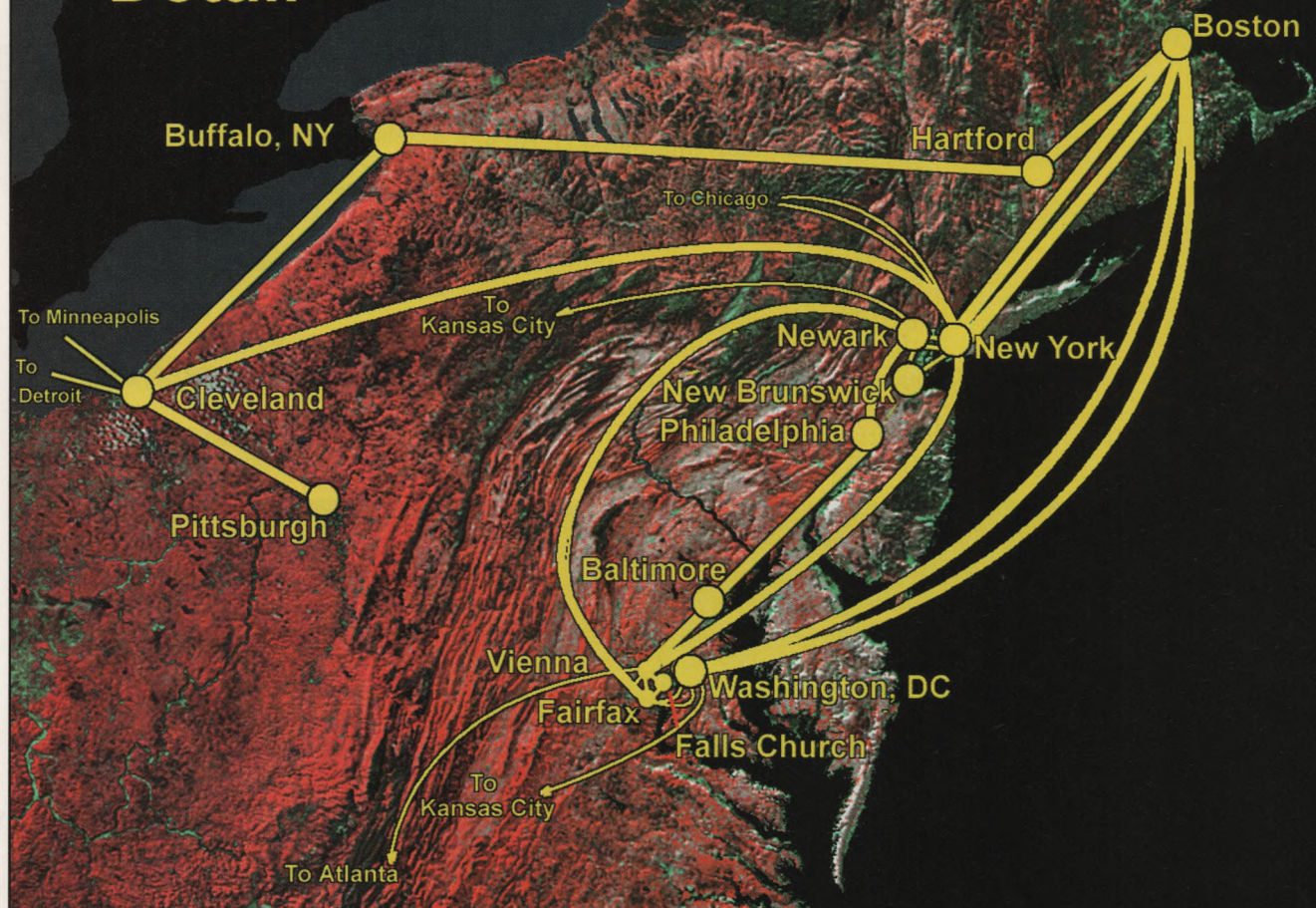
MAE East — Washington, DC (4 connections)
MAE West — San Jose, CA (4 connections)



UUNET

Northeastern U.S.

Detail



Sprint New York NAP — Pennsauken, NJ
(2 connections)
CIX — Palo Alto, CA
Digital IX - Palo Alto, CA (1 FDDI)

UUNET currently has 35 private DS-3 peering connections with other Internet providers around the U.S., with a total of 50 connections planned by the end of 1997.

Note that UUNET may appear at some public interconnection points and in some traceroutes as *AlterNet* — a previously-used trade name.

BUSINESS PRODUCTS

Business Contact Information

National Sales Managers: Mary Alexander
and Brad Layman
Voice: 800-4UUNET4 x5800
International: (703) 206-5800
Facsimile: (703) 206-5911
MailTo: sales@uu.net
http://www.uu.net

TIERED T-3 CONNECTIONS

UUNET's Tiered T-3 service offers connections at up to 45 Mbps in 3 Mbps increments. UUNET's Burstable T-3 service is also priced in tiers of 3 Mbps increments from 3 Mbps to 45 Mbps, but the Burstable service permits customers to periodically burst up to the full 45 Mbps, without having to pay for the entire 45 Mbps. Monthly billing for Burstable T-3 service is based on statistically measured data flow on five minute intervals. Monthly charge is determined by the usage level under which 95 percent of samples fall.

Availability: All backbone cities
Average Installation Time: 8-10 weeks
Setup: \$6,000

Monthly charge, Tiered T-3 service:

3 Mbps	\$ 6,000
6 Mbps	\$ 8,000
9 Mbps	\$10,000
12 Mbps	\$12,000
15 Mbps	\$14,000

18 Mbps	\$17,000
21 Mbps	\$19,000
24 Mbps	\$22,000
27 Mbps	\$26,000
30 Mbps	\$29,000
33 Mbps	\$32,000
36 Mbps	\$37,000
39 Mbps	\$43,000
42 Mbps	\$48,000
45 Mbps	\$54,000

Monthly charge, Burstable T-3 service:

95 percent usage level		
0 Mbps - 6 Mbps		\$12,000
6.01 Mbps - 7.5 Mbps		\$14,000
7.51 Mbps - 9 Mbps		\$17,000
9.01 Mbps - 10.5 Mbps		\$19,000
10.51 Mbps - 12 Mbps		\$22,000
12.01 Mbps - 13.5 Mbps		\$26,000
13.51 Mbps - 15 Mbps		\$29,000
15.01 Mbps - 16.5 Mbps		\$32,000
16.51 Mbps - 18.01 Mbps		\$37,000
18.01 Mbps - 19.5 Mbps		\$43,000
19.51 Mbps - 21 Mbps		\$48,000
21.01 Mbps - 45 Mbps		\$55,500

Recommended Equipment:

Cisco 7204 router with silicon switch processor and a series of required software packages - \$21,025

LarseCom Access T-45 DS-3 network service unit
CSU/DSU - \$7,000

SHADOW T-3

The Shadow T-3 connection is a multi-homed, dual T-3 service, which serves as an emergency backup for the customer's primary T-3 connection. The Shadow T-3 configuration terminates at a second UUNET hub, separate from the location of the customer's primary T-3 connection. If the primary T-3 connection fails, or if there is a problem with the primary hub, the Shadow T-3 carries all traffic until the primary connection is restored.

Availability: Backbone cities
Average Installation Time: 8-10 weeks
Setup: \$5,000
Monthly: \$3,000
Recommended Equipment:
Cisco 7204 router - \$21,025 to \$25,025
LarsCom T-45 CSU/DSU - \$7,000

SMDS 4 to 34 Mbps

Switched Multi-Megabit Data Service (SMDS) is a public, packet-switched data service provided by many major U.S. regional Bell operating companies (RBOCs). It is available at speeds from 1.177 Mbps to 34 Mbps. SMDS is connectionless, meaning that there is no need to set up a physical or logical connection through the network before sending data. This provides bandwidth on demand for bursty traffic. It also allows use of one port into a telco's SMDS ring to communicate with multiple other sites connected to the same ring. SMDS provides higher-speed access than T-1 leased lines, with service available at a variety of port speeds. Generally, access costs are less expensive than DS-3 leased lines. Bell Atlantic and Pacific Bell currently offer well-developed, affordable SMDS access service.

Availability: San Jose; Los Angeles; Washington, DC; Newark, NJ; and Philadelphia
Average Installation Time: 8-10 weeks
Setup: \$5,000 T-1; \$6,000 fractional T-3
Monthly: From \$1,500 for 1.17 Mbps (T-1) to \$15,000 for 34 Mbps
Recommended Equipment:
T-1 Cisco 2501 chassis with Enterprise Software - \$3,680
Kentrox DataSMART T-1 SMDSU - \$2,650
T-3 Cisco 7010 router with options - \$19,500
Kentrox T-3/E-3 SMDSU - \$10,000

10 Mbps ETHERNET

UUNET offers "10Plus," 10 Mbps access to the Internet with the simplicity of a physical Ethernet interface.

Availability: Santa Clara, CA; Houston, TX; Dallas, TX; Atlanta, GA; Denver, CO; Seattle, WA; Washington, DC; New York, NY; Philadelphia, PA; Boston, MA

Average Installation Time: 8-10 weeks
Setup: \$5,000
Monthly: \$6,000 (plus local loop; typically \$2,750)
Recommended Equipment:
Cisco 2514 router - \$2,850

DOUBLE T

UUNET's Double T service provides a load-balanced connection with two 1.544 Mbps access lines. By adding a second T-1 line and CSU/DSU, Double T provides for balancing traffic load between two connections. Outbound packets are distributed between the two T-1 circuits on a per-destination basis. Inbound traffic uses the two T-1 links simultaneously.

The standard "single-homed" Double T (both T-1s connected to the same UUNET hub) is designed to offer additional bandwidth. For customers desiring redundancy, at no additional cost, UUNET offers *Multi-homed Double T*, separate T-1 connections into two distinct UUNET hubs.

Availability: Backbone cities
Average Installation Time: 4-6 weeks
Setup: \$7,000
Monthly: \$4,200
Recommended Equipment:
2 Kentrox T-1 CSU/DSUs - \$995 each
Cisco 2501 router - \$1,950

1.544 Mbps T-1 LEASED LINE ACCESS

UUNET's Burststable T-1 Plus service

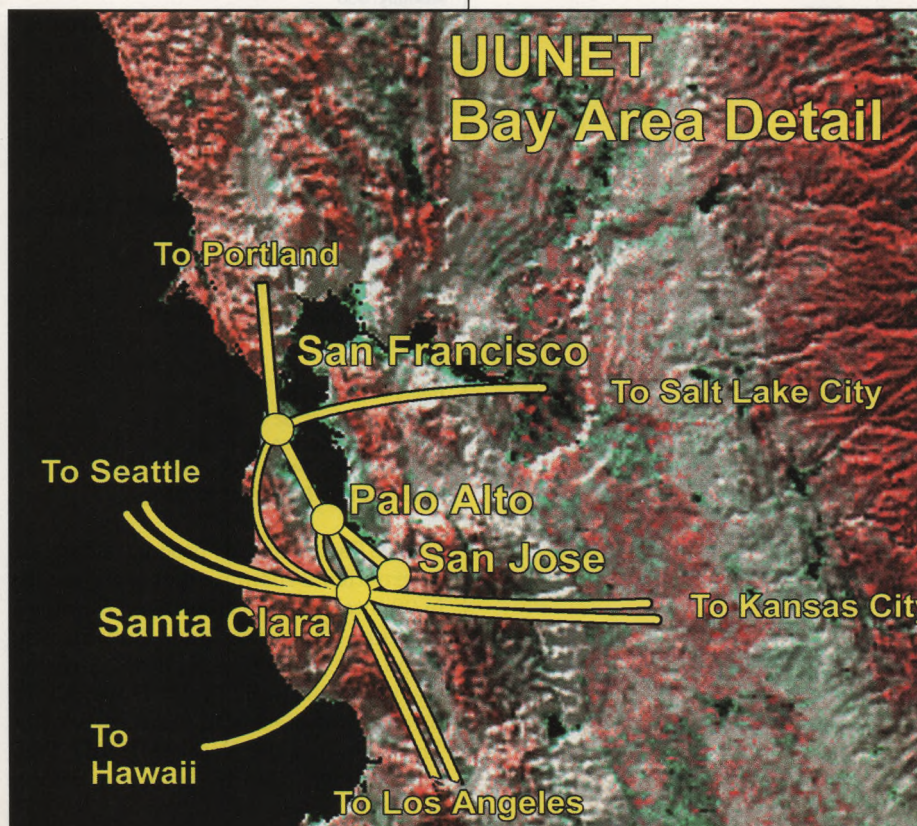
provides a full T-1 connection but is priced based on the usage level under which 95 percent of the customer's traffic samples fall. Like the Burststable T-3 service, Burststable T-1 permits the customer to use the entire T-1 when needed, but to only pay for the amount of bandwidth used over 95 percent of the month. The Burststable T-1 tiers are 0-128 Kbps, 128-256 Kbps, 256-384 Kbps, 384-512 Kbps, and over 512 Kbps up to the full 1.544 Mbps.

Availability: Backbone cities
Average Installation Time: 4-6 weeks
Setup: \$5,000
Monthly charge: From \$1,295 to \$3,000
Recommended Equipment:
Kentrox T-1 CSU/DSU - \$995
Cisco 2501 router - \$1,595

SHADOW T-1

The Shadow T-1 service provides the same emergency back up service as the Shadow T-3 service does for the T-3 connection. The Shadow T-1 carries all of the customer's traffic in the event of a primary connection failure, or problems at the primary hub.

Availability: Backbone cities
Average Installation Time: 4-6 weeks
Setup: \$3,500
Monthly: \$350
Recommended Equipment:
Kentrox T-1 CSU/DSU - \$7,000



ISDN BACKUP

Customers may back up primary T-1s with an ISDN as a lower cost alternative. The ISDN back up service provides only a 128 Kbps connection. The ISDN backup is provided by connecting Adtran terminal adapters to Cisco 2501 routers for customers' existing T-1 connections.

Availability: Backbone cities
Average Installation Time: 2-6 weeks
Setup: \$300
Monthly: \$250
Recommended Equipment:
 Adtran ISDN Terminal Adapter - \$650

128 Kbps FRAME RELAY ACCESS

Availability: Backbone cities
Setup: \$3,000
Monthly: \$940-\$1,895
Recommended Equipment:
 Kentrox T-1 CSU/DSU - \$995
 Cisco 2501 router - \$1,950

56 Kbps LEASED LINE ACCESS

Availability: Backbone cities
Setup: \$595
Monthly: \$595
Recommended Equipment:
 Cisco 2501 router - \$1,950
 ATL 56K CSU/DSU - \$365

56 Kbps FRAME RELAY ACCESS

Availability: Backbone cities
Setup: \$495
Monthly: \$595
Recommended Equipment:
 Cisco 2501 router - \$1,950
 ATL 56K CSU/DSU - \$365

128 Kbps ISDN PREFERRED CONNECTION

128 Kbps Preferred Access provides the speed and functionality of a 128 Kbps fractional T-1 service at about half the cost. Preferred Access is a Digital Subscriber Line (xDSL). The service includes DNS registration, 20 POP e-mail accounts, and 5 NNTP news readers. The service is currently being deployed in stages in 117 cities throughout the U.S. UUNET plans to have the Preferred Access service installed in 92 cities by the third quarter of 1997.

Availability: Backbone cities
Average Installation Time: 4-6 weeks
Setup: \$3,000
Monthly: \$750
Recommended Equipment: None

128 Kbps ISDN LAN CONNECTION

Product: Internet 9-5 BASIC Service-ISDN
Availability: See POP list
Average Installation Time: 4 days to 2 weeks
Setup: \$395
Monthly: \$395
Hours included per month: Unlimited
Recommended Equipment: Ascend PL50 router - \$745

28.8 Kbps LAN DIAL-UP CONNECTION

Product: Internet 9-5 BASIC Service-28.8 Kbps analog
Availability: See POP list
Average Installation Time: 4 days to two weeks
Setup: \$295
Monthly: \$245
Hours included per month: Unlimited
Recommended Equipment: US Robotics V.34 Sportster modem - \$250

CONSUMER PRODUCTS

Consumer Contact Information

Dial Sales Manager: Joe Faber
Voice: 800-4UUNET4 x5900
International: (703)206-5900
Facsimile: (703) 208-3727
MailTo: sales@uu.net
http://www.uu.net

128 Kbps ISDN CONNECTIONS

Product: AlterDial 128 Kbps ISDN PPP
Availability: See POP list.
Average Installation Time: Overnight
Setup: \$50
Monthly: \$30
Hours Included: 12.5 (25 hours, but each B channel counts separately)
Additional Hours: \$4 (both B channels)
Toll-Free 800 Access: \$12 hour (both B channels)
Additional POP e-mail accounts: \$10 monthly
Recommended Equipment: ISDN modem — \$335

28.8 Kbps DIAL-UP CONNECTIONS

Product: AlterDial 28.8 Kbps Analog PPP
Availability: See POP list
Average Installation Time: Overnight
Setup: \$25
Monthly: \$30
Hours Included: 25
Additional Hours: \$2
Toll-Free 800 Access: \$6 hour
Additional POP e-mail accounts: \$10 monthly
Recommended Equipment: Modem

UUNET's AlterDial product offers an international roaming dial-up capability in 92 international cities in 13 countries: Belgium, The Netherlands, Luxembourg, Canada, United Kingdom, France, Germany, Japan, Italy, Hong Kong, Sweden, Switzerland, and Australia. Travelers dial the closest UUNET POP, and all worldwide Internet access

charges are aggregated on a single monthly bill. There is a \$6 hourly surcharge for roaming access use.

WEB HOSTING SERVICES

UNIX Web Hosting Services

via 100 Mbps FDDI connected to multiple T-3 (45 Mbps) links

Standard UNIX Hosting

Installation: \$400
Monthly: \$300 and up

Premium UNIX Hosting

Installation: \$850
Monthly: \$900 and up

Dedicated UNIX Hosting

Installation: \$5,000
Monthly: \$2,500 and up

NT Web Hosting Services

via 100 Mbps FDDI connected to multiple T-3 (45 Mbps) links

Basic NT Hosting

Installation: \$450
Monthly: \$500 and up

Premium NT Hosting

Installation: \$700
Monthly: \$750 and up

Dedicated NT Hosting

Installation: \$5,000
Monthly: \$3,000 and up

UUNET's U.S. POPs

City, State	Phone Number	ISDN
	800-873-2826	N
Paterson, NJ	201-279-1225	Y
Hackensack, NJ	201-287-0315	Y
Irvington, NJ	201-371-2007	Y
Newark, NJ	201-622-1592	Y
Morristown, NJ	201-984-2407	Y
Washington, DC	202-222-1021	Y
Washington, DC	202-478-0571	N
Stamford, CT	203-462-3457	Y
Bridgeport, CT	203-696-1586	Y
Danbury, CT	203-730-6262	Y
New Haven, CT	203-781-2619	Y
Birmingham, AL	205-322-0856	Y
Decatur, AL	205-353-5029	Y
Tuscaloosa, AL	205-507-0302	Y
Huntsville, AL	205-533-0409	Y
Gadsden, AL	205-543-0504	Y
Everett, WA	206-261-1320	Y
Seattle, WA	206-461-0250	Y
Tacoma, WA	206-597-8996	Y
Redmond, WA	206-739-0181	Y
Auburn, WA	206-931-1380	Y
Portland, ME	207-842-1300	Y
Boise, ID	208-381-6880	Y
Clovis, CA	209-291-0167	Y
Stockton, CA	209-463-0351	Y
Fresno, CA	209-495-1007	Y
Modesto, CA	209-531-1416	Y
Modesto, CA	209-574-0196	Y
Visalia, CA	209-635-0181	Y
San Antonio, TX	210-354-4059	Y
Harlingen, TX	210-428-7010	N
Laredo, TX	210-764-4800	Y

NATIONAL BACKBONE OPERATORS — UUNET

City, State	Phone Number	ISDN	City, State	Phone Number	ISDN	City, State	Phone Number	ISDN
New York, NY	212-238-4220	Y	Greensburg, PA	412-853-9601	Y	Sioux Falls, SD	605-367-3553	Y
New York, NY	212-271-7103	N	Springfield, MA	413-846-4500	Y	Lexington, KY	606-252-5628	Y
New York, NY	212-416-1980	Y	Milwaukee, WI	414-227-1301	Y	Ithaca, NY	607-266-4300	Y
Los Angeles, CA	213-330-0866	N	Green Bay, WI	414-592-9060	Y	Binghamton, NY	607-762-1280	Y
Los Angeles, CA	213-620-8910	Y	San Francisco, CA	415-283-4722	Y	Madison, WI	608-252-6580	Y
Dallas, TX	214-741-1839	Y	Sausalito, CA	415-289-1317	Y	Cherry Hill, NJ	609-321-1995	Y
Philadelphia, PA	215-440-5580	Y	San Mateo, CA	415-312-8208	Y	Marlton, NJ	609-346-3247	Y
Levittown, PA	215-946-7513	Y	Palo Alto, CA	415-322-0489	Y	Princeton, NJ	609-497-2463	Y
Cleveland, OH	216-579-2593	Y	San Francisco, CA	415-357-9923	Y	Pleasantville, NJ	609-569-1830	Y
Champaign, IL	217-398-3250	Y	San Rafael, CA	415-472-0761	Y	White Horse, NJ	609-581-3555	Y
Springfield, IL	217-527-3440	Y	Redwood City, CA	415-481-0917	N	Mercerville, NJ	609-586-7747	Y
South Bend, IN	219-239-2090	Y	Milbrae, CA	415-651-0903	N	Trenton, NJ	609-777-5551	Y
Elkhart, IN	219-293-3577	Y	San Mateo, CA	415-653-2754	N	King Of Prussia, PA	610-630-4770	Y
Fort Wayne, IN	219-439-0840	Y	San Francisco, CA	415-659-2193	N	Paoli, PA	610-725-9325	Y
Valparaiso, IN	219-531-4152	Y	Menlo Park, CA	415-687-0796	N	Reading, PA	610-736-3030	Y
Gary, IN	219-977-2330	Y	Palo Alto, CA	415-687-2187	N	Allentown, PA	610-797-2140	Y
Baytown, TX	281-427-2418	N	Joplin, MO	417-627-1090	N	Conshohocken, PA	610-941-9491	Y
Gaithersburg, MD	301-337-0662	N	Springfield, MO	417-875-6902	Y	Minneapolis, MN	612-321-7960	Y
Frederick, MD	301-663-8403	Y	Toledo, OH	419-246-2010	Y	Columbus, OH	614-222-0025	Y
Wilmington, DE	302-576-0357	Y	Knoxville, TN	423-524-5333	Y	Marion, OH	614-387-4751	Y
Denver, CO	303-575-6188	Y	Chattanooga, TN	423-756-3630	Y	Nashville, TN	615-748-8011	Y
Wheeling, WV	304-234-0229	Y	Little Rock, AR	501-375-1590	Y	Grand Rapids, MI	616-459-3620	Y
Martinsburg, WV	304-262-2708	Y	Fayetteville, AR	501-442-5203	Y	Muskegon, MI	616-727-1913	N
Morgantown, WV	304-291-3441	Y	Pine Bluff, AR	501-534-2288	N	Muskegon, MI	616-727-3116	Y
Charleston, WV	304-344-0141	Y	Fort Smith, AR	501-782-5043	Y	Burlington, MA	617-221-0500	Y
Huntington, WV	304-522-0301	Y	Louisville, KY	502-583-4400	Y	Quincy, MA	617-249-0571	N
Clarksburg, WV	304-624-4023	Y	Bowling Green, KY	502-783-8200	Y	Braintree, MA	617-380-3400	Y
Miami, FL	305-358-6951	Y	Portland, OR	503-294-5600	Y	Malden, MA	617-480-0571	N
Cheyenne, WY	307-633-2980	Y	Salem, OR	503-316-2070	Y	Boston, MA	617-531-5304	N
Bloomington, IL	309-434-6030	Y	Beaverton, OR	503-626-0996	N	Cambridge, MA	617-588-1641	Y
Inglewood, CA	310-338-9007	Y	Beaverton, OR	503-677-2210	Y	Cambridge, MA	617-679-0500	N
Santa Monica, CA	310-451-1209	Y	Portland, OR	503-731-6020	Y	Medford, MA	617-658-0770	N
San Pedro, CA	310-507-1506	N	Baton Rouge, LA	504-383-6126	Y	Waltham, MA	617-663-1563	N
Wilmington, CA	310-513-8684	Y	New Orleans, LA	504-525-3564	Y	Waltham, MA	617-672-7400	Y
Chicago, IL	312-453-0828	N	Houma, LA	504-853-0413	Y	Lexington, MA	617-778-0831	N
Franklin, IL	312-984-1580	Y	Albuquerque, NM	505-242-8973	Y	Newton, MA	617-831-0579	N
Chicago, IL	312-986-2476	Y	Santa Fe, NM	505-438-3560	Y	Burlington, MA	617-852-0607	N
Ann Arbor, MI	313-213-2220	Y	Worcester, MA	508-421-3000	Y	Boston, MA	617-927-4200	Y
Detroit, MI	313-225-4994	Y	Framingham, MA	508-628-4600	Y	Brookline, MA	617-992-0579	N
Belleville, MI	313-957-1268	Y	Danvers, MA	508-739-5000	Y	San Diego, CA	619-268-8236	Y
St. Louis, MO	314-213-7700	Y	Framingham, MA	508-861-0645	N	San Diego, CA	619-338-0612	Y
Harvester, MO	314-940-3200	Y	Brockton, MA	508-895-8600	Y	San Diego, CA	619-881-1511	N
Rome/Utica, NY	315-338-6900	Y	New Bedford, MA	508-961-1300	Y	Hinsdale, IL	630-203-1682	N
Syracuse, NY	315-442-1220	Y	Billerica, MA	508-964-0651	N	Hinsdale, IL	630-241-5600	Y
Wichita, KS	316-383-0018	Y	Lawrence, MA	508-974-2000	Y	Lombard, IL	630-282-0629	N
Indianapolis, IN	317-977-1010	Y	Spokane, WA	509-328-0087	Y	Naperville, IL	630-300-0650	N
Lafayette, LA	318-289-0058	Y	Pullman, WA	509-332-5402	Y	Naperville, IL	630-505-8070	Y
Monroe, LA	318-322-2121	Y	Kennewick, WA	509-734-0697	Y	Fargo, ND	701-271-7800	Y
Lake Charles, LA	318-478-6964	Y	Alameda, CA	510-214-0563	N	Las Vegas, NV	702-382-8340	Y
Shreveport, LA	318-676-0748	Y	Fremont, CA	510-404-0962	N	Manassas, VA	703-392-5494	Y
Iowa City, IA	319-341-3020	Y	Oakland, CA	510-433-0258	Y	Lorton, VA	703-551-4627	Y
Cedar Rapids, IA	319-368-1500	Y	Livermore, CA	510-449-0339	Y	Reston, VA	703-995-0509	N
Davenport, IA	319-388-5480	Y	Concord, CA	510-609-6318	Y	Asheville, NC	704-251-1626	Y
St. Cloud, MN	320-202-3000	N	Oakland, CA	510-704-8599	Y	Charlotte, NC	704-342-2422	Y
Akron, OH	330-253-9990	Y	Fremont, CA	510-742-0207	Y	Athens, GA	706-208-0448	Y
Youngstown, OH	330-270-5600	Y	Concord, CA	510-826-0637	N	Columbus, GA	706-641-9942	Y
Montgomery, AL	334-223-0902	Y	San Ramon, CA	510-867-1220	Y	Augusta, GA	706-821-0025	Y
Mobile, AL	334-431-6706	Y	Austin, TX	512-433-1957	Y	Vacaville, CA	707-448-5608	Y
Auburn/Opelika, AL	334-502-8036	Y	Corpus Christi, TX	512-693-2000	Y	Santa Rosa, CA	707-522-1314	Y
Gainesville, FL	352-371-1332	Y	Cincinnati, OH	513-621-2600	Y	Santa Rosa, CA	707-536-1690	N
Olympia, WA	360-357-1091	Y	Des Moines, IA	515-323-7000	Y	Houston, TX	713-567-0439	Y
Bellingham, WA	360-647-9562	Y	Garden City, NY	516-228-1980	Y	Westheimer, TX	713-625-9900	Y
Providence, RI	401-276-7700	Y	Brentwood, NY	516-231-2680	Y	Huntington Beach, CA	714-377-0278	Y
Omaha, NE	402-233-7768	Y	Farmingdale, NY	516-577-2500	Y	Placentia, CA	714-577-0144	Y
Lincoln, NE	402-435-7915	N	Lansing, MI	517-267-7900	Y	Irvine, CA	714-726-9031	Y
Atlanta, GA	404-817-8166	Y	Saginaw, MI	517-755-8725	Y	Anaheim, CA	714-871-0966	Y
Atlanta, GA	404-965-2446	N	Mt. Pleasant, MI	517-772-7284	Y	Irvine, CA	714-930-0874	N
Oklahoma City, OK	405-270-0346	Y	Albany, NY	518-435-2800	Y	Rochester, NY	716-327-7189	Y
Butte, MT	406-496-4080	N	Tucson, AZ	520-620-0872	Y	Buffalo, NY	716-843-3000	Y
Orlando, FL	407-648-2090	Y	Fredericksburg, VA	540-372-3058	Y	Hershey, PA	717-533-4574	Y
Melbourne, FL	407-723-1064	Y	Harrisonburg, VA	540-574-2554	Y	Harrisburg, PA	717-720-0671	Y
San Jose, CA	408-268-0582	Y	Roanoke, VA	540-857-0700	Y	Wilkes-Barre, PA	717-825-2150	Y
San Jose, CA	408-273-1520	N	Eugene, OR	541-302-0140	Y	York, PA	717-855-1023	Y
Santa Cruz, CA	408-454-0327	Y	Boca Raton, FL	561-368-1136	Y	Lancaster, PA	717-872-7887	Y
Santa Clara, CA	408-492-1481	Y	Fort Pierce, FL	561-462-0510	Y	Scranton, PA	717-961-1654	Y
Monterey, CA	408-655-1195	Y	West Palm Beach, FL	561-681-9506	Y	Colorado Springs, CO	719-386-1680	Y
Salinas, CA	408-751-0530	Y	Long Beach, CA	562-624-9090	Y	Norfolk, VA	757-423-8640	Y
Sunnyvale, CA	408-990-2226	N	Columbia, MO	573-886-8621	N	Norfolk, VA	757-533-5140	Y
College Station, TX	409-846-6549	Y	Hattiesburg, MS	601-264-6681	Y	Princess Anne, VA	757-563-9922	Y
Beaumont, TX	409-980-0190	Y	Jackson, MS	601-355-4521	Y	Palm Springs, CA	760-320-2378	Y
Baltimore, MD	410-246-8024	N	Biloxi/Gulfport, MS	601-863-3593	Y	Carlsbad, CA	760-929-8643	Y
Baltimore, MD	410-727-0315	Y	Phoenix, AZ	602-640-3907	Y	Lafayette, IN	765-772-2025	Y
Annapolis, MD	410-263-3325	Y	Phoenix, AZ	602-843-1471	Y	Smyrna, GA	770-308-0620	N
Pittsburgh, PA	412-394-2280	Y	Nashua, NH	603-594-6600	Y	Smyrna, GA	770-432-4637	Y

City, State	Phone Number	ISDN
Irving, IL	773-509-2301	Y
Stewart, IL	773-873-0070	Y
Salt Lake City, UT	801-321-4980	Y
Provo, UT	801-343-2720	Y
Ogden, UT	801-399-1119	Y
Burlington, VT	802-652-2600	Y
Florence, SC	803-673-0446	Y
Charleston, SC	803-722-4079	Y
Columbia, SC	803-799-8828	Y
Myrtle Beach, SC	803-913-2102	Y
Richmond, VA	804-674-9183	Y
Lynchburg, VA	804-947-9090	Y
Oxnard, CA	805-240-1063	Y
Thousand Oaks, CA	805-373-1859	Y
San Luis Obispo, CA	805-546-8060	Y
Bakersfield, CA	805-861-0826	Y
Santa Barbara, CA	805-892-3456	Y
Amarillo, TX	806-354-7500	Y
Lubbock, TX	806-472-1003	Y
Southfield, MI	810-262-3138	Y
Pontiac, MI	810-371-0500	Y
Farmington, MI	810-442-0016	Y
Farmington, MI	810-957-0516	N
Warren, MI	810-575-9931	Y
Terre Haute, IN	812-238-5600	N
Bloomington, IN	812-323-4330	Y
Evansville, IN	812-433-3080	Y
Tampa, FL	813-247-7863	Y
Clearwater, FL	813-562-5327	Y
Feathersound, FL	813-573-0863	Y
Erie, PA	814-453-2796	N
Altoona, PA	814-941-1280	Y
Rockford, IL	815-489-1510	Y
Joliet, IL	815-725-7702	Y
Dekalb, IL	815-748-3932	Y
Kansas City, MO	816-283-0607	Y
Waco, TX	817-299-2000	Y
Wichita Falls, TX	817-397-0501	Y
Temple, TX	817-778-1025	N
Fort Worth, TX	817-850-9253	Y
Sherman Oaks, CA	818-340-2888	Y
Pasadena, CA	818-585-0100	Y
Pasadena, CA	818-639-0584	N
Elk Grove, IL	847-228-7840	Y
Elk Grove, IL	847-631-1672	N
Libertyville, IL	847-247-6470	Y
Schaumburg, IL	847-273-0608	N
Northbrook, IL	847-400-1618	N
Northbrook, IL	847-480-3110	Y
Skokie, IL	847-745-0582	N
Wheeling, IL	847-777-0624	N
Libertyville, IL	847-990-0034	N
New London, CT	860-441-0059	Y
Hartford, CT	860-692-9057	Y
Greenville, SC	864-233-6876	Y
Jackson, TN	901-422-4222	Y
Memphis, TN	901-543-1500	Y
Memphis, TN	901-761-3312	Y
Longview, TX	903-234-2700	N
Tallahassee, FL	904-222-0204	Y
Daytona Beach, FL	904-255-0389	Y
Jacksonville, FL	904-353-2059	Y
Panama City, FL	904-872-2927	Y
Pensacola, FL	904-969-9884	Y
Long Branch, NJ	908-229-2761	Y
Long Branch, NJ	908-933-1114	Y
Toms River, NJ	908-240-7151	Y
Holmdel, NJ	908-332-1001	Y
Rahway, NJ	908-382-0026	Y
New Brunswick, NJ	908-448-1071	Y
Freehold, NJ	908-792-7770	Y
Colton, CA	909-370-4823	Y
Ontario, CA	909-460-1214	Y
Rancho Cucamonga, CA	909-481-9468	Y
Rialto, CA	909-875-2490	Y
San Bernardino, CA	909-884-0625	Y
Fayetteville, NC	910-323-3915	N
Greensboro, NC	910-574-2663	Y
Wilmington, NC	910-763-6609	Y
Winston Salem, NC	910-788-3789	Y
Albany, GA	912-430-0136	Y
Savannah, GA	912-651-9899	Y
Macon, GA	912-765-9958	Y
Topeka, KS	913-368-9804	Y

City, State	Phone Number	ISDN
Manhattan, KS	913-539-1206	Y
Lawrence, KS	913-749-0796	Y
Poughkeepsie, NY	914-451-4240	Y
White Plains, NY	914-681-3900	Y
Port Chester, NY	914-933-2820	Y
El Paso, TX	915-496-9514	Y
Midland, TX	915-498-2003	Y
Odessa, TX	915-498-2004	Y
Abilene, TX	915-627-1900	Y
Redding, CA	916-225-8634	Y
Sacramento, CA	916-447-3613	Y
Chico, CA	916-891-1086	Y
Tulsa, OK	918-582-0535	Y
Durham, NC	919-361-9127	Y
Goldsboro, NC	919-736-8100	N
Raleigh, NC	919-872-6557	Y
Rocky Mount, NC	919-972-0919	N
Dayton, OH	937-640-8391	Y
Fort Myers, FL	941-332-7323	Y
Sarasota, FL	941-362-4404	Y
Lakeland, FL	941-666-3202	Y
Bradenton, FL	941-746-1921	Y
Bonita Springs, FL	941-947-7700	N
Fort Lauderdale, FL	954-486-7918	Y
Fort Collins, CO	970-282-2080	Y
Loveland, CO	970-593-3220	Y
Richardson, TX	972-235-3493	Y
Irving, TX	972-438-6536	Y
Addison, TX	972-560-0506	N
Grand Prairie, TX	972-890-0515	N
Irving, TX	972-891-0530	N

INTERNATIONAL POPs

Australia

Sydney, (local)	9381-1100
Sydney, (within Australia)	02-9381-1100
Sydney, (outside Australia)	61-2-9381-1100

Canada

Calgary, AB,	403-781-5200
Edmonton, AB,	403-423-5600
Montreal, PQ,	514-866-7181
Ottawa, ON,	613-594-9044
Toronto, ON,	416-363-9625
Vancouver, BC,	604-602-1506
Winnipeg, MB,	204-956-1440

France

Paris, (local)	4762-6262
Paris, (within France)	1-4762-6262
Paris, (outside France)	33-1-4762-6262

Hong Kong

852-2584-1000

Ireland

Cork, Ireland	00353-0-21851600
Dublin, Ireland	00353-0-16137000
Galway, Ireland	00353-0-91507400

Japan

Tokyo (local)	5402-7300
Tokyo (in Japan)	03-5402-7300
Tokyo (outside Japan)	81-3-5402-7300

United Kingdom

All cities (in UK)	44-0-845-0798080
All cities (outside UK)	44-0-181-3387870

FUTURE EXPANSION PLANS

UUNET plans two new products for release this summer. The company says the products will provide businesses

with secure, economical communications between corporate headquarters and branch offices; secure yet affordable connectivity for remote users; and controlled access for business partners, supplies and customers.

Extralink will be a virtual private network protected with encryption over the shared UUNET IP infrastructure. UUNET says this service will include management of customer routers, firewalls, local access, and the network backbone. UUNET says Extralink will be implemented with UUNET managed routers and on-site system measurement units.

Extralink Remote will be a virtual private dial network providing a secure, encrypted connection between the customer's private network and the employees, clients, and business partners who connect to the UUNET local access dial infrastructure. UUNET says Extralink Remote will include a UUNET supplied and managed encrypting gateway and UUNET designed encryption support software on each remote workstation. UUNET says security features are provided through authentication services with active token protection, encryption services, and network security protection via firewalls. UUNET says both products are currently in beta testing.

UUNET planned to have nationwide dial-up POPs in Belgium, Germany, Luxembourg, and The Netherlands in June 1997. UUNET also planned to have dial-up POP service in Milan, Italy; Stockholm, Sweden; and Zurich, Switzerland in June of 1997.

On April 23, Verilink Corporation announced that WorldCom selected the Verilink Access System 2000 (AS2000) integrated access device to provide high-speed access to WorldCom's Frame Relay network. Verilink says the scaleable architecture of the AS2000 will allow WorldCom to expand from 12 to 60 DS-3 access lines in the same amount of space, and will allow WorldCom to manage multiple AS2000 systems under a single IP address. Verilink says the modularity of the AS2000 also gives customers the ability to migrate from narrowband to broadband services within the same platform. ♦



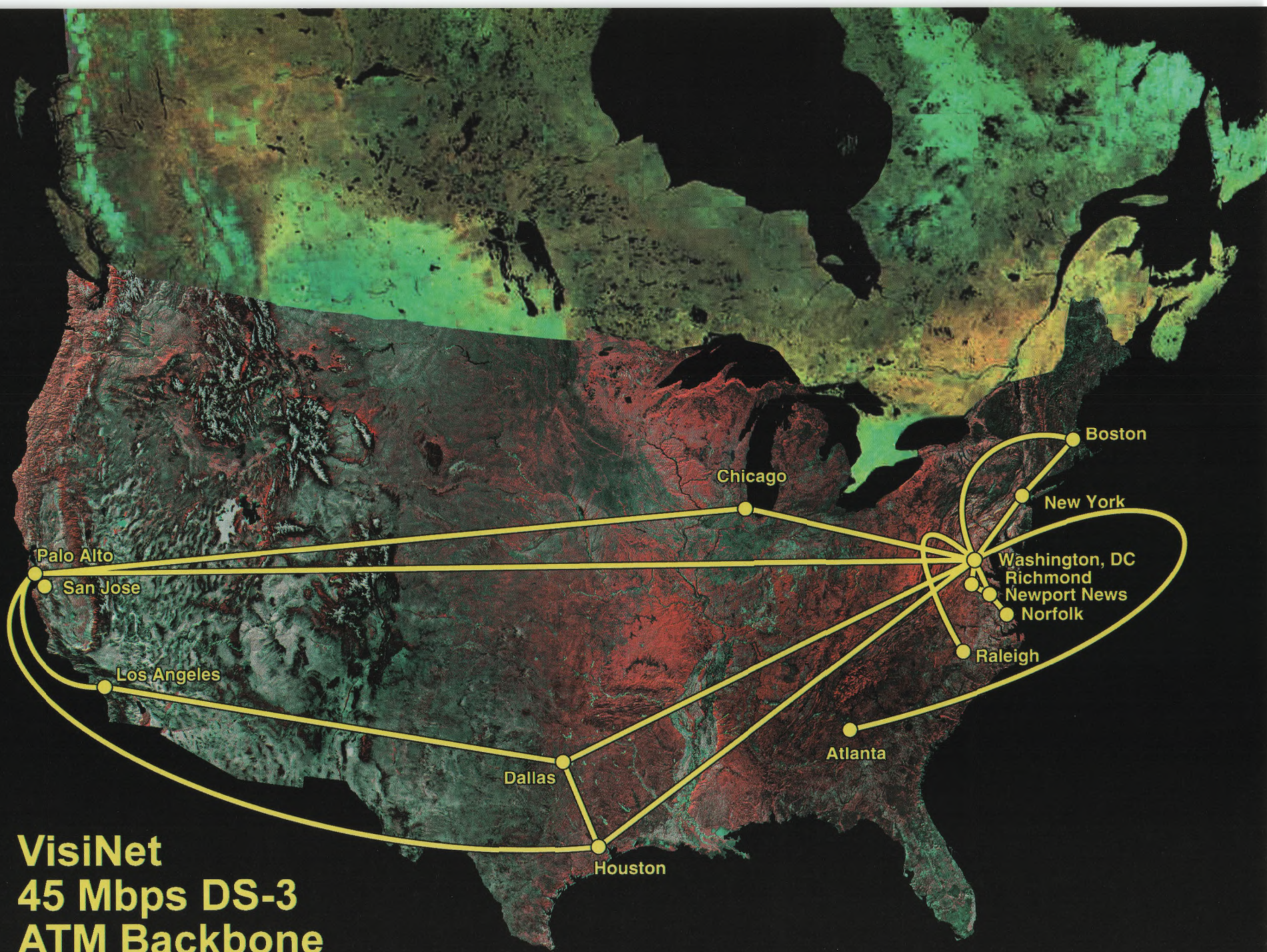
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VisiNet
45 Mbps DS-3
ATM Backbone

VisiNet

Newport News, Virginia

HISTORY

Founded in Newport News, Virginia in 1995 to deliver reliable high-speed Internet access, high-end server hosting, and private virtual networks, VisiNet has grown from eight employees to more than 40 in three years. With the development in 1996 of a 45 Mbps (DS-3) ATM network, the company grew from a mid-Atlantic regional ISP to a national backbone operator.

The network is comprised of several main data centers located at the major Internet exchange centers (MAE East, MAE West, Ameritech) as well as major metropolitan areas with heavy demand for high bandwidth. VisiNet concentrates on providing access to other high bandwidth Internet service providers, large corporate clients, universities and municipal governments.

VisiNet feels ATM is the only available technology proven to support IP at current speeds with the ability to scale to OC-3 and OC-12 speeds. The technology is able to simultaneously carry voice, video, and data applications at high speeds. VisiNet provides a fully meshed fiber optic network able to diversely route traffic for high performance and stability. It also operates its network on

multiple SONET rings to ensure no single point of failure.

COMPANY DESCRIPTION

CEO: Edward Fang
Stock Exchange: Privately held
Consumer Dial-up Accounts: 8,000
Business Dedicated Access: 250
Annual Revenues from Internet Operations: None
Total Pops: 22
Total Dial-up Ports: 2,000
Number of Employees: 60
Office Location: 715 Middle Ground Blvd,
 Newport News, VA 23606
Voice Telephone: (888) 323.4500 (757) 873-4500
Facsimile: (757) 873-4530
24 Hour NOC Telephone: (757) 873-9411
MailTo: sales@visi.net
http: www.visi.net

CURRENT BACKBONE ARCHITECTURE

VisiNet operates a national Asynchronous Transfer Mode (ATM) backbone at DS-3 speeds (45 Mbps). Each major NAP and hub city is connected in a full-mesh configuration for performance and redundancy. Additional cities are linked with DS-3 frame and multiple T-1 connections. VisiNet currently utilizes high-performance Bay Networks BCN and BLN2 routers in

the backbone. Switches are also used throughout the network.

To support the high-speed, fault-tolerant network currently in place, VisiNet uses diverse carriers (inter-exchange as well as local exchange) for redundancy. This gives VisiNet multiple options to deliver IP traffic throughout its network. The current ATM network is carried over MCI's OC-12 ATM network (soon OC-48). VisiNet is constantly expanding and upgrading its network backbone in anticipation of growing bandwidth needs.

VisiNet operates a 24x7 network operations center staffed by qualified network specialists. The company monitors all segments of its network, allowing for immediate detection of problems and potential problems.

Senior Network Architect/Engineer:

Jeremy Hinton
Mailto: jgh@visi.net

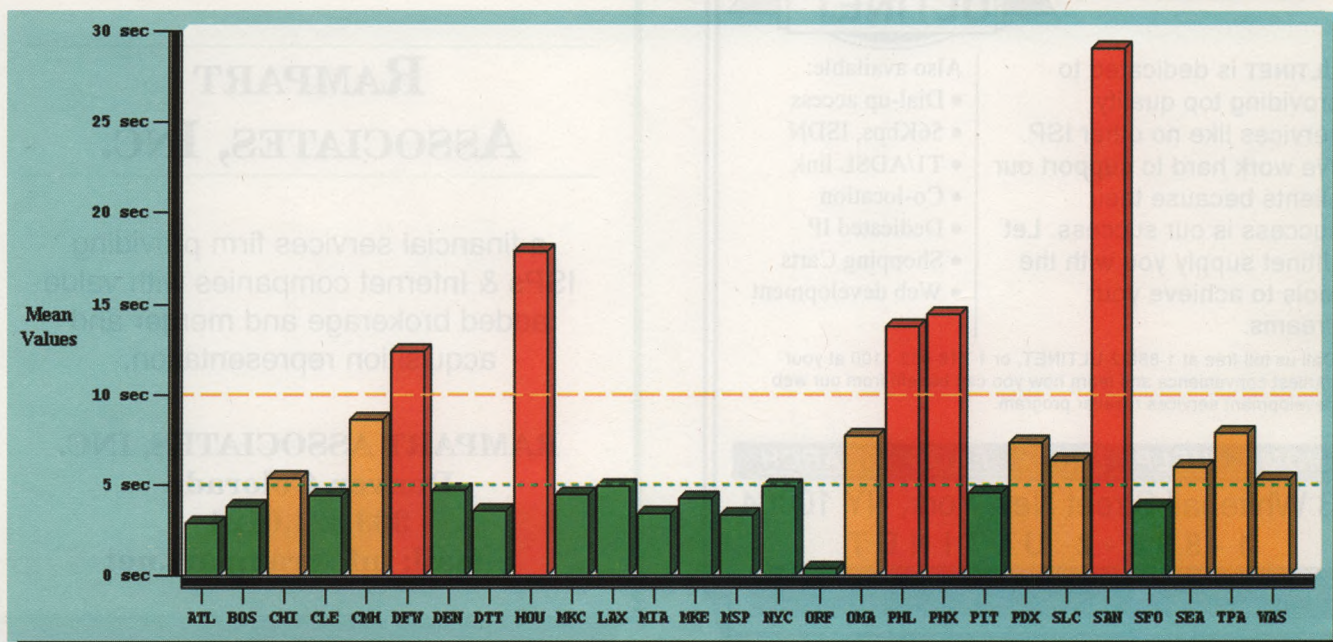
BACKBONE CITIES

Boston, MA
 Chicago, IL
 Los Angeles, CA
 Newport News, VA
 New York, NY
 Norfolk, VA
 Palo Alto, CA
 Raleigh, NC
 Richmond, VA
 San Jose, CA
 Washington, DC

VisiNet

DATE: 04/20/97 thru 05/20/97
 DATA POINTS: 71762

AVERAGE: 6.934 sec
 DEVIATION: 33.167 sec



MAJOR PEER INTERCONNECT POINTS

MAE East - Vienna, VA (100 Mbps)
MAE West - San Jose, CA (100 Mbps)
Ameritech - Chicago-NAP (DS-3 ATM)
PAIX - Palo Alto, CA
CIX - Palo Alto, CA
Sprint New York NAP - Pennsauken, NJ
MCI

BUSINESS PRODUCTS

Business Contact Information

Person: Kimberly Osborne
Position: Business Development Manager
Voice: (757) 873-4500, (888) 323-4500
Fax: (757) 873-4530
MailTo: kosborne@visi.net
http: //www.visi.net

45 Mbps T-3 LEASED LINE ACCESS

Availability: Nationwide
Average Install Time: 30 business days
Setup: \$4,000
Monthly: \$21,000
Recommended Equipment: Cisco 7500/Bay
BLN, Digital Link DL3100

Also Available:

3 Mbps	\$3,750
6 Mbps	\$5,200
9 Mbps	\$7,500

1.544 Mbps T-1 LEASED LINE ACCESS

Availability: Nationwide
Average Install Time: 20 days
Setup: \$1,000
Monthly: \$1,800
Recommended Equipment: Cisco 2501/Bay AN,
Digital Link Prelude

256 Kbps LEASED LINE ACCESS

Availability: Nationwide
Average Install Time: 20 days
Setup: \$1,000
Monthly: \$750
Recommended Equipment: Cisco 2501/Bay AN,
Digital Link Prelude

128 Kbps LEASED LINE ACCESS

Availability: Nationwide
Average Install Time: 20 days
Setup: \$1,000
Monthly: \$500

Recommended Equipment: Cisco 2501/Bay AN,
Digital Link Prelude

56 Kbps LEASED LINE ACCESS

Availability: Nationwide
Average Install Time: 20 days
Setup: \$500
Monthly: \$350
Recommended Equipment: Cisco 2501/Bay AN,
Digital Link 56K DSU

BASIC WEB HOSTING SERVICE

Setup: \$250/no machine supplied,
\$1,500/machine supplied
Monthly: \$500/month at 10 Mbps bandwidth
Storage Limitations: 100 MB storage,
5 GB of transfer

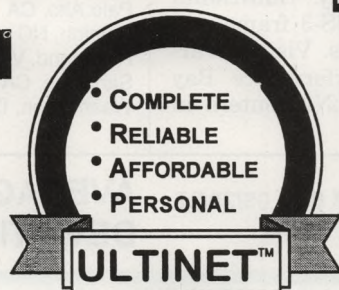
FUTURE EXPANSION PLANS

VisiNet plans to expand its presence to several other major U.S. metropolitan areas to its hub cities. The next major POPs include Atlanta, Baltimore, Dallas, and San Diego, while the company evaluates smaller POPs as well. VisiNet will also expand its web hosting markets and collocation services. ♦

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FOR 3 MEG TO 12 MEG
CONNECTIONS
(INCREMENTAL T1'S)
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SCHEDULE
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Brazil

Leading Latin America in the Internet boom

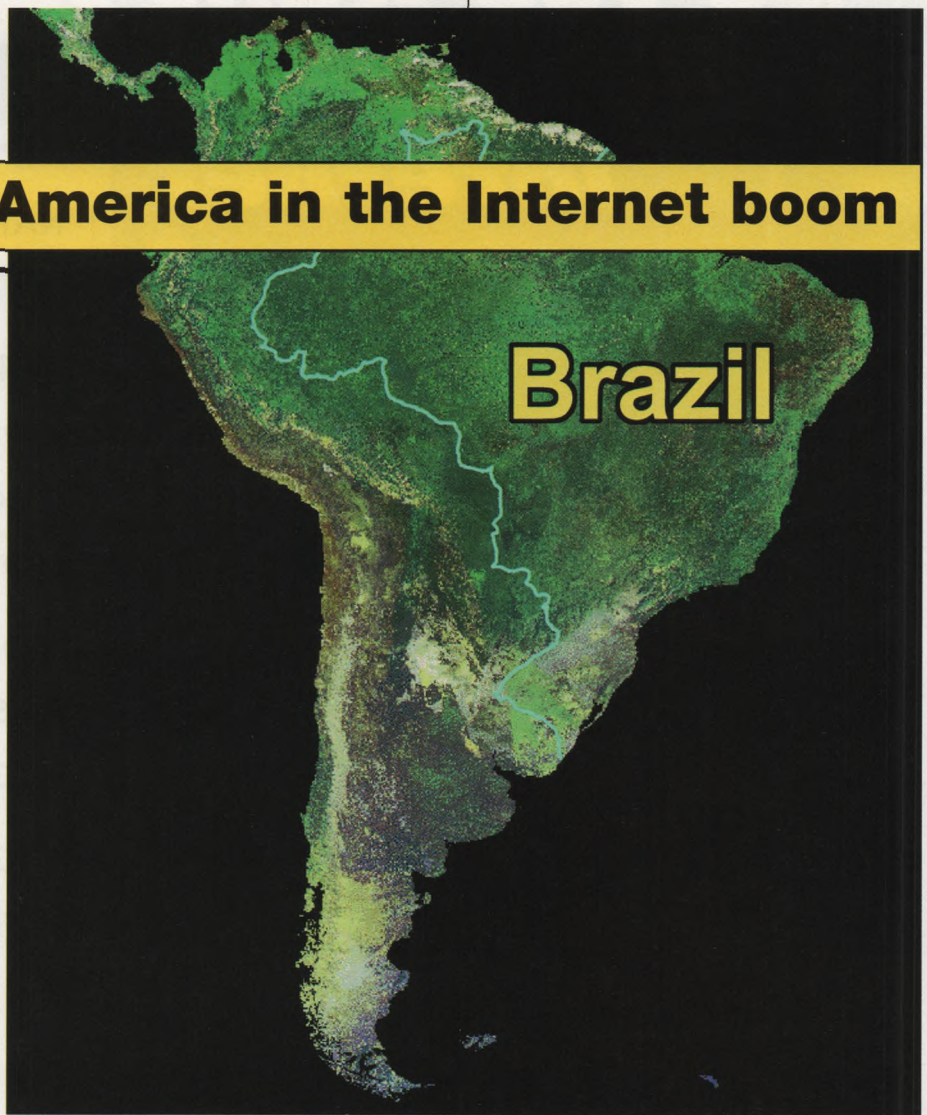
By Vito Echevarría

Brazil has a knack for doing things in a big way, which is natural, since it's the largest country in Latin America with a massive population of over 160 million to match. So, it's no surprise that Brazil is leading in Latin America's technology acquisition race, commanding over 40 percent of the Latin PC market by 1995 — compared to Mexico's share which was under 15 percent. According to the California-based International Data Corporation (IDC), which researches computer markets worldwide, total PC shipments to Latin America rose by over 14 percent between 1994 and 1995 to nearly 2.3 million units.

The Brazilian market, in particular, which was off-limits to foreign computer firms as recently as 1992, is important for two reasons: One, because growing demand for computers there gives unprecedented opportunities for both large and small computer manufacturing firms; and two, because these same firms can set up manufacturing facilities in Brazil to sell computers to neighboring states through duty-free agreements of the MERCOSUR trading bloc. Computer sales can be targeted to member states Argentina, Paraguay, and Uruguay.

These market forces explain why Brazil has perhaps the largest Latin American presence on the Internet with a variety of web sites for business, governmental, educational, and personal use.

Because of growing computer sales in Brazil, it's only natural that Internet use will rise accordingly. As of July 1996, there were 46,854 hosts in Brazil. There are an estimated 300,000 to 400,000 Brazilian Internet users today. For now, the country has two national backbone operators that handle Brazil's Internet-related traffic — *Embratel* and *Rede Nacional De Pesquisas*.



BRAZIL'S PAST TELECOM LANDSCAPE

Despite the rosy picture that's being painted about Brazil's present and future on the Internet, the past was radically different because of the country's antiquated, state-owned phone service. Brazil's previously military-controlled government of the 1960s assured that all parts of the country, including its remote Amazon regions, would be linked by phone lines. It could not provide enough phone lines, however. Customers who needed telephone service immediately paid as much as US\$6,000 for a line. Others had to wait two years. Scarce phone lines have even been "bought" and "rented" as investments.

Cellular phones, which cost about US\$300, have taken off in Brazil, despite stories about people who have

received astronomical phone bills because they were victims of "cloning," where account holders were charged for someone else's long-distance calls. For example, out of the 2.9 million new telephone connections that the state-owned telecom firm Telebras installed in 1996, 1.3 million were cellular while the remaining 1.6 million were conventional. In Brazil, there are currently eight telephone lines per 100 people with a high concentration in Brazil's commercial center, São Paulo. That number is far below that of other Latin American countries like Argentina — 18 phone lines per 100 people — and Mexico — 10 lines per 100 people.

The potential cellular market for the year 2000 in Brazil is as much as 15 million customers. At least some of that connectivity will go to Internet use because of the price of installing conventional telephone lines in

remote areas, such as the Amazon jungle. According to the U.S. Department of Commerce, the cost of a cellular phone connection is US\$3,000, compared to US\$35,000 for setting up a conventional phone line in rural Brazil. Due to that and the recent deregulation of the country's telecom market, American telecom firm Bell South is set to penetrate a wide open market. Multinational competitors like AT&T, Telefonica de España, GTE, and US West are said to be interested as well.

More importantly, Brazil's telecommunications structure was not ready for intense Internet use until just a few years ago, when the AMERICAS1 fiber-optic cable to North America was set up. According to Luis Rodrigues, General Manager of MCI Brazil, the presence of that cable was responsible for increased Internet use in Brazil. Rodrigues notes that while satellites were an alternate method for access to the Internet, they are less reliable due to delay times and solar interference.

Dernaival da Cunha, a prolific Internet user in Brazil, says that the one pitfall with the increasing number of Brazilian ISPs is the quality of service. "There's a new provider coming every minute," he says. "They get full of people; the quality goes down. The provider doesn't provide for new modem lines, it gets crowded, (and) people move to another provider."

There's another limitation to the services that Brazilian ISPs can offer. For instance, few regional phone companies provide ISDN service, although many ISPs said that they expect ISDN to be available sometime this year. This, despite the presence of a web site on the introduction of ISDN in Brazil (www.cpqd.br:80/~jose_m/isdn).

Despite such growing pains, these trends will no doubt contribute to Brazil's mushrooming presence on the Internet. Brazil has the potential to be a major player in the Internet for both business and personal use. The telecom sector's privatization trend should serve to increase both cellular and conventional phone lines, thus making Brazil's phone structure more Internet friendly. There is some speculation that at the end of 1997, São Paulo telco firm Telesp and the long-distance unit of Embratel may be auctioned off. The Brazilian government projects that its telecom privatization efforts will raise between US\$25 billion and US\$30 billion — funds that will be used in part to improve the country's telecom infrastructure, including more backbone providers.

PORTS, PRICES AND BANDWIDTH

In this issue, we list 192 Internet service providers operating in Brazil. These providers total some 10,957 dial-up ports serving this nation of 160

million. ISPs range from two ports up to 800 with an average of 57 dial-up ports per provider and some 14,602 Brazilians per port. The average dial-up account goes for \$29.95 and includes 17 hours of service with additional connect time averaging \$1.83 per hour. Some 32.8 percent of ISPs offer flat-rate unlimited service.

The bandwidth situation is poor by U.S. standards with many ISPs operating from a 64 Kbps or 128 Kbps connection. Average bandwidth per dial-up port across the 192 ISPs is 2,073 bps. Many use low speed modems but on a theoretical 28.8 Kbps connection, the "Q" value we introduced to rate ISPs here in the US would be on the order of 0.07 compared to a U.S. average of 0.51.

Despite the struggles of gaining connectivity, demand for Internet services in Brazil appears to be booming and the number of ISPs is expected to increase correspondingly. Brazilian ISPs enjoy a thriving mailing list discussing operational and technical issues specific to Brazil at prove_doresbrasil@visualnet.com.br. To join, send e-mail to majordomo@visualnet.com.br. In the body of the message, enter `subscribe provedores-brasil your.name@your.site`. Note that the list is conducted in Portuguese — the national language of Brazil. ♦

MAJOR LATIN COMPUTER MARKETS

Number of units sold:

COUNTRY	1994	1995	1996
Argentina	240,000	252,000	290,400
Brazil	651,000	905,000	1,150,000
Chile	106,000	140,000	152,000
Colombia	143,000	170,000	210,000
Mexico	508,000	320,000	355,000
Venezuela	78,000	93,000	104,000
All others	291,000	355,000	435,000
TOTAL	2,013,000	2,235,000	2,696,400

Source: IDC



Embratel Brazilian Backbone

— 2 Mbps

Embratel

Rio de Janeiro, Brazil

HISTORY

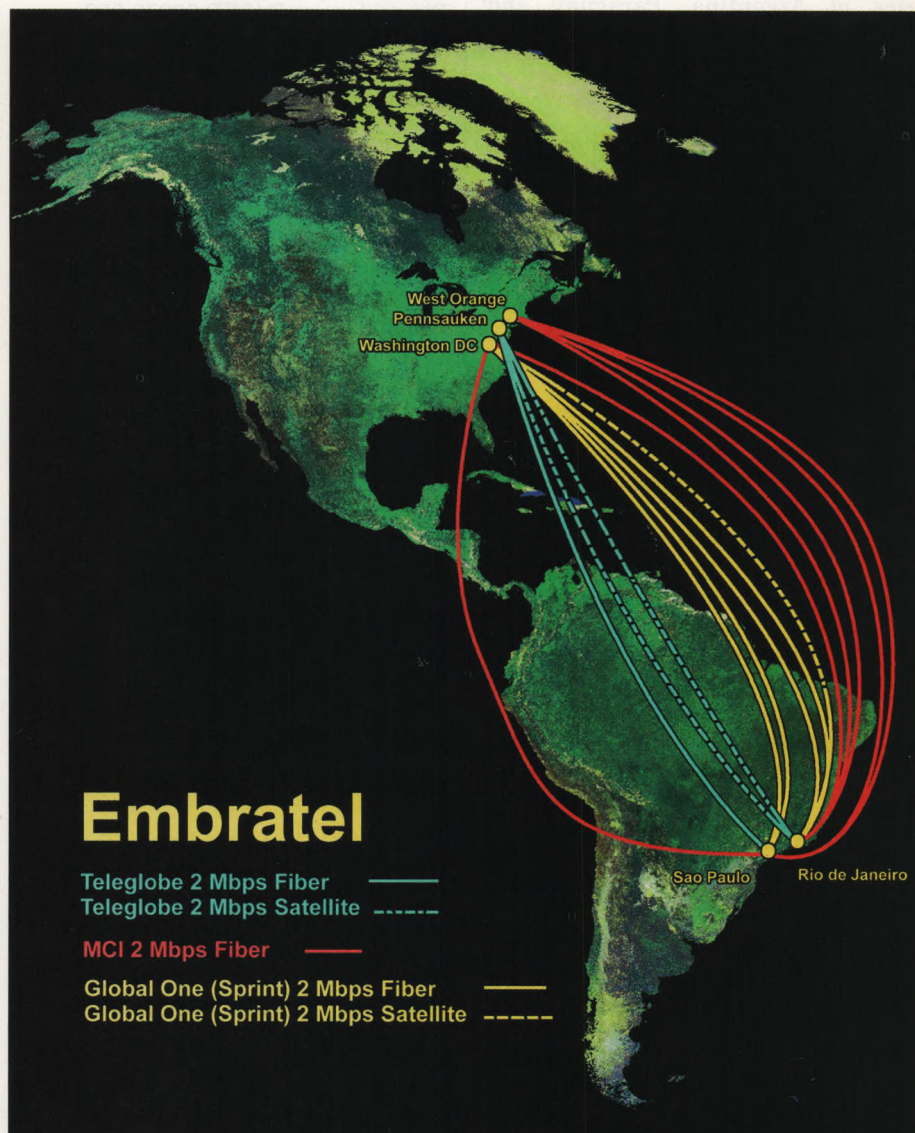
Embratel (*Empresa Brasileira de Telecomunicações*) is Brazil's telecommunications giant, and has set up the first commercial network backbone in the country. Because of its role as the "Brazilian AT&T," Embratel, in a partnership with Cisco Systems Inc., has worked on improving Internet links with satellite and fiber-optic connections to the U.S., Europe and some of its South American neighbors such as Argentina and Uruguay.

Embratel operates the largest Internet backbone in Latin America covering over 60 localities throughout Brazil.

Embratel's backbone began operation in February 1995 for dial-up connections, web hosting and direct connection services. Today it has over 1,000 networks connected to the backbone. Direct connection access is through an E-1 channelized network, PPP or HDLC protocol.

The company is adding more than 48 high-level routers, distributed in over 20 cities. These centers will be interconnected by ATM links. The company estimates there will be about 150 Mbps of traffic between Embratel's backbone and the Internet at large. So it is contracting for five additional E-3 links (34.368 Mbps each).

As early as 1980, Embratel began setting up telephone links with the United States. That year, the submarine cable BRUS (Brazil-U.S.) linked Fortaleza, in the state of Ceará, with St. Thomas in the U.S. Virgin Islands. In 1992, Embratel launched the multidigital E-1 network, which integrated voice and data. Two years later in 1994, AMERICAS1, the first international fiber-optic submarine cable, was setup between Fortaleza and Florida in the mainland U.S. with connections at St. Thomas, U.S. Virgin Islands, Trinidad, and Venezuela. The same year, COLUMBUS2, another fiber-optic submarine cable system, linked AMERICAS1 to Europe and Asia, and another submarine fiber-optic cable system, UNISUR, linked Brazil to the MERCOSUR countries of Argentina, Paraguay, and Uruguay. Communications satellite BRASILSAT B1 was also launched that year.



In 1995, the second large-scale fiber-optic link was installed between Rio de Janeiro and Belo Horizonte. That year, Embratel offered commercial use of the Internet, generating the opportunity to extend its backbone in 1996.

Embratel's satellite operation's control post is based in Guaratiba near Rio de Janeiro. The main satellite it controls, BRASILSAT B, handles long-distance telephone traffic for Brazil's remote areas, where phone lines are limited. These links are backed up by the INTELSAT and the INMARSAT satellites.

Each satellite has 28 transponders on Band C for civilian communications,

covering all of South America. A transponder on Band X is for military use only. The strength of Band X is enough to cover the entire south Atlantic from southern Africa to portions of Antarctica. Each transponder can be used by six TV channels, and supports up to 2,000 telephone lines simultaneously, and multiple data communications channels.

EMBRATEL BACKBONE ARCHITECTURE

Embratel uses a router-based system and E-1 concentrators to transmit data across its network with Frame Relay, PPP, and HDLC protocols. The company plans to add more routers in cities

across the country to meet increasing traffic. Embratel has more than 20 E-1 links at the national level and 14 E-1 links for traffic bound to the United States and Canada, as well as three 128 Kbps links for the MERCOSUR countries of Argentina, Paraguay and Uruguay.

INTERNATIONAL LINKS

As of January 1997, Embratel operated the following international links:

Qty	Speed	Description
2	2 Mbps	Links with Sprint (USA) via fiber-optic cable (Brazilian link from Rio de Janeiro)
1	2 Mbps	Link with Sprint (USA) via satellite (Brazilian link from Rio de Janeiro)
3	2 Mbps	Links with MCI (USA) via fiber optic cable (Brazilian link from Rio de Janeiro)
2	2 Mbps	Links with Teleglobe (Canada) via satellite (Brazilian link from Rio de Janeiro)
2	2 Mbps	Links with Sprint (USA) via fiber-optic cable (Brazilian link from São Paulo)
3	2 Mbps	Links with MCI (USA) via fiber-optic cable (Brazilian link from São Paulo)
1	2 Mbps	Link with Teleglobe (Canada) via satellite (Brazilian link from São Paulo)
1	512 Kbps	Link with Sprint (USA) via satellite (Brazilian link from Rio de Janeiro)
2	128 Kbps	Links with Argentina via fiber-optic cable (Brazilian link from Rio de Janeiro)
1	128 Kbps	Link with Uruguay via fiber-optic cable (Brazilian link from Rio de Janeiro)

Embratel's links in North America are as follows:

Washington, DC via Sprint/Global One
Washington, DC via MCI
West Orange, NJ via MCI
Pennsauken, NJ via Teleglobe

BUSINESS PRODUCTS

Business Contact Information

For further information, Embratel can be contacted at its offices in Brazil's main cities and throughout the country:

Rio de Janeiro office:

Street mail: Seção de Gerência de Clientes do Rio de Janeiro
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 1012 Loja A-Centro,
 Rio de Janeiro-RJCEP 20070-002, BRAZIL
Voice: (55)(21) 519-8577, 263-0500
Facsimile: (55)(21) 782-1114

São Paulo office:

Street mail: Divisão de Comercialização de Serviços Rua dos Ingleses
 542 Casarão—Bela Vista
 Sao Paulo CEP 01329-000, BRAZIL
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Brasília (Distrito Federal) office:

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 Brasília, CEP 70328-900, BRAZIL
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Facsimile: (55)(61) 316-8342

MailTo: info@embratel.net.br
 (Embratel's general e-mail address)
http://www.embratel.net.br
http://www.embratel.net.br/precos.html
 (For dedicated access information)

LEASED LINE ACCESS

ISPs must add a tax of about 8 percent to the port prices and local access charges in Brazil. In early June, a Brazilian Real exchanged for about 93 cents in the U.S.

Embratel's rates for dedicated connections:

Setup:	R\$1,500	US\$1,443.97
Speed	Monthly	Monthly
64 Kbps	R\$1,800	US\$1,732.77
128 Kbps	R\$3,150	US\$3,032.34
256 Kbps	R\$5,400	US\$5,198.31
512 Kbps	R\$9,000	US\$8,663.85
1 Mbps	R\$16,200	US\$15,594.93
2 Mbps	R\$27,000	US\$25,991.54

Recommended equipment: The company does not provide customers with premise routers. The customer's router may be of any brand, provided it interoperates with Embratel's Cisco platform and with PPP. The routing protocols are static, OSPF, IGRP, EIGRP.

The company provides Class C IP addresses. Embratel dedicated access

customers include ABNAMRO Bank (www.abnamro.com.br), the Associação dos Advogados de São Paulo (www.aasp.com.br), Banco Bradesco (www.bradesco.com.br), and Banco Itaú (www.itaui.com.br), and dozens of Brazilian ISPs.

DIAL-UP PONTOS DE PRESEÇA (POPs)

For dial-up access, three points of presence exist: Rio de Janeiro, São Paulo and Brasília, where the customer pays only local charges for Internet-related phone calls. In other localities, though, the customer pays long-distance charges into the closest city.

DEDICATED ACCESS PONTOS DE PRESEÇA (POPs)

Dedicated access is considered local in terms of pricing in over 60 cities, as shown in the listing below:

Aracaju
 Araraquara
 Araxá
 Barra Mansa
 Barueri
 Baurú
 Belém
 Belo Horizonte
 Blumenau
 Boa Vista
 Brasília
 Cachoeiro do Itapemirim
 Campinas
 Campina Grande
 Campo Grande
 Campos
 Cascavél
 Caxias do Sul
 Corumbá
 Criciúma
 Cuiabá
 Curitiba
 Dourados
 Eunápolis
 Floriano
 Fortaleza
 Foz do Iguaçu
 Goiânia
 Governador Valadares
 Guaxupé

Ilhéus
Imperatriz
Itajaí
João Pessoa
Joinville
Juazeiro do Norte
Juiz de Fora
Lages
Londrina
Macapá
Maceió
Manaus
Maringá
Mossoró
Natal
Novo Hamburgo
Osasco
Passo Fundo
Pelotas
Piracicaba
Poços de Caldas
Porto Alegre
Porto Velho
Presidente Prudente
Punta Grossa
Recife
Resende
Ribeirão Preto
Rio Branco
Rio de Janeiro

Rio Verde
Salvador
Santa Cruz Sul
Santa Maria
Santo André
Santo Ângelo
Santos
São Bernardo
S. Caetano do Sul
São J. Campos
São José de Rio Preto
São Luis
São Mateus
São Paulo
Sidrolândia
Sorocaba
Subral
Taubaté
Teresina
Uberaba
Uberlândia
Uruguaiana
Varginha
Vitória
Volta Redonda

ISP COMMENTS ON EMBRATTEL'S SERVICE

Feedback from Brazilian ISPs using Embratel as a long distance carrier as well as for backbone service reflects some strong feelings. Some ISPs like Embratel's services but complain about high prices. Other ISP operators complain about both Embratel's service as well as prices. Roger Versteeg at the ISP *Dispro* says, "We all too often complain that the link is down (at least once a week). Embratel (is) poorly configured, without the proper equipment for the demand."

Another ISP, *Allnetwork*, concurs: "Actually, we are having problems with the connection at Embratel. They are changing and configuring the routers and my ISP is unstable because of that. When everything is working perfectly, my connection via Embratel is very good." *Compos Internet Provider*, another Brazilian ISP, has its own reasons to complain about Embratel. "We have a lot of complaints about the quality of Embratel (and Telebahia - Compos' local phone service)," said Angelo A. Duarte of Compos. "The main problem is the price of the services that forces our final prices up. These companies seem to be uninterested in having a better level of quality because they don't have any competitor in the market." ♦

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Rede Nacional de Pesquisa Brazilian Backbone

Rede Nacional de Pesquisas

Rio de Janeiro, Brazil

HISTORY

Rede Nacional de Pesquisas (RNP) is a Brazilian federal governmental institution responsible for Internet access for the nation's universities and scientific and technological institutions. The *National Research Network* (English translation) has been in existence since 1990.

For the past year, though, it has also acted as a commercialized nationwide Internet network for service providers. In effect, RNP acts as an "ISP for ISPs."

According to Tadao Takahashi, RNP's director, the organization wanted to help fill the demand for Internet connections that Embratel could not fulfill until private firms came along to add more phone lines for Internet users. Takahashi affirms that a 2.048 Mbps line, such as the 10 that RNP has, can carry 200 users simultaneously, but as Internet use among Brazilians continues to grow, the connections will become unsatisfactory.

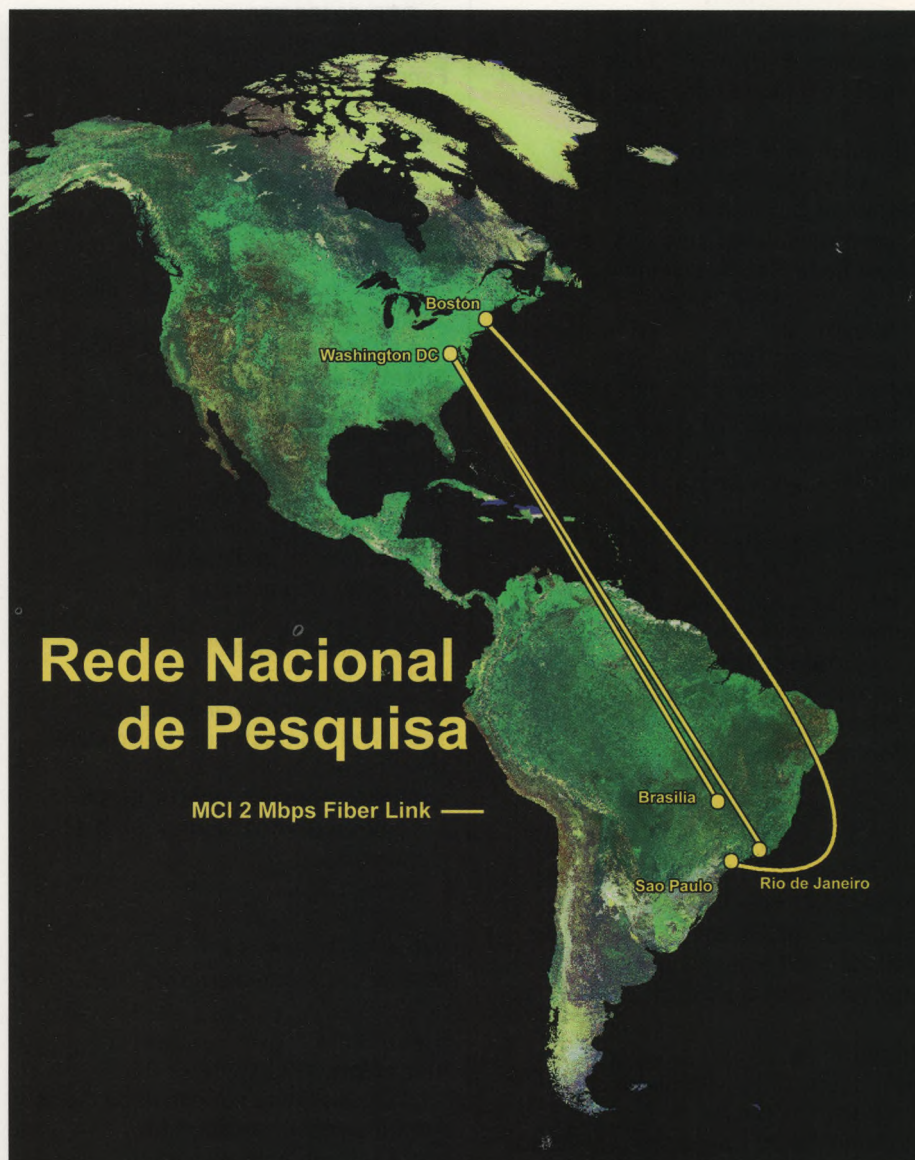
RNP BACKBONE ARCHITECTURE

RNP has an extensive backbone with 18 dedicated lines (64 Kbps to 128 Kbps) throughout Brazil. An additional 10 E-1 (2.048 Mbps) lines are connected to the cities of Fortaleza, Brasília, Rio de Janeiro, Recife, Belo Horizonte, São Paulo, Curitiba, Porto Alegre, and Florianópolis. Those, in turn, connect to the Internet in the United States.

International Links

RNP's backbone has three E-1 (2.048 Mbps) international connections:

- Washington, DC** via MCI (from Brasília)
- Washington, DC** via MCI (from Rio de Janeiro)
- Boston, MA** via MCI (from São Paulo)



BUSINESS PRODUCTS

Business Contact Information

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Facsimile: (55)(11) 261-4167

MailTo: info@rnp.br

info@pop-sp.rnp.br

<http://www.rnp.br>

LEASED LINE ACCESS

In early June, a Brazilian Real exchanged for about 93 cents in the U.S.

RNP's rates

for dedicated connections:

Setup: R\$1,500 US\$1,443.97

Speed	Monthly	Monthly
64 Kbps	R\$1,600	US\$1,540.24
128 Kbps	R\$2,900	US\$2,791.68
256 Kbps	R\$4,600	US\$4,428.91
512 Kbps	R\$7,400	US\$7,123.61
1 Mbps	R\$12,000	US\$11,551.80
2 Mbps	R\$22,000	US\$21,178.30

**PONTOS DE PRESEÇA
DA RNP (POPs)**

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<http://www.pop-ba.rnp.br>

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 CEP 60455-760
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Facsimile: (085) 287-4316
MailTo: info@pop-ce.rnp.br
<http://www.pop-ce.rnp.br/>

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 Brasília, DF
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Voice: (061) 226-4699
Facsimile: (061) 226-9328
MailTo: info@pop-df.rnp.br
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 Carapina
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 Goiânia, GO
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 235-8629 235-8634
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<http://www.pop-ma.rnp.br/>

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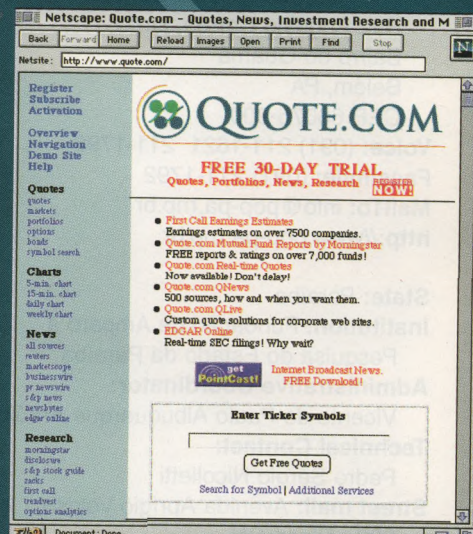
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Comments from RNP Users

Because of RNP's limited capability, backbone services are not up to speed for some of ISPs. Some ISPs say it is "slow and unreliable."

Others have had a kinder attitude toward RNP, such as Luis Felipe Balbinot of the ISP *Italnet*: "RNP is a lot better (than Embratel). You get fast connections to the world. But the only problem is that it is connected to Embratel with only 4 Mbps. RNP is a research backbone provider. It started with commercial access only last year. It has several 10 Mbps connections to the outside and is about 10 percent-15 percent cheaper than Embratel."

Luiz de Barros of the ISP *Nlink* says, "RNP is better than Embratel. We have a local point in Recife connected to the 2 Mbps. RNP backbone. In Embratel, they are still using FrameRelay/x.25 connections to Rio de Janeiro."

Alder Victor Teixeira of *VSNET* in Belo Horizonte said, "RNP's service is great, but I can't say the same for TELEMIG — my local phone company. Like all monopolies, when something goes wrong, all I can do is cry." ♦

July/August 1997



BRAZILIAN INTERNET SERVICE PROVIDER LISTINGS

198 INTERNET SERVICE PROVIDER LISTINGS



PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.		56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
Riolink	Rio de Janeiro-RJ,	(11) 268-0717	rio.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	-	-
Telem tica	Sao Paulo-SP,	(11) 277-7943	telematica.com.br	Embratel	0.099	9999	Yes	No	\$25.00	-	-	-
Mt2Net	Sao Paulo-SP,	(11) 286-002	mt2net.com.br	Embratel	0.099	9999	Yes	No	\$35.00	20	-	-
Online	Rio de Janeiro-RJ,	(11) 287-7715	online.com.br	RNP	0.099	9999	No	No	\$90.00	-	-	-
Opus	Sao Paulo-SP,	(11) 288-7466	opus.com.br	Embratel	0.099	9999	Yes	No	\$70.00	60	\$2.00	-
World Connection	Barueri-SP,	(11) 295-9688	world.com.br	Embratel	0.099	9999	No	No	\$30.00	15	-	-
Triarquia BBS	Sao Paulo-SP,	(11) 418-0631	triarquia.com.br	Embratel	0.099	9999	No	No	\$23.00	-	-	-
Kyotec	Jundiaí-SP,	(11) 434-3510	kyotec.com.br	Embratel	0.099	9999	Yes	No	\$40.00	40	-	-
Regra Um Internet	Santo Andr.-SP,	(11) 440-7800	regra.com.br	Embratel	0.099	9999	Yes	No	\$2.00	1	\$2.00	-
Vanquish	Sao Paulo-SP,	(11) 452-5730	vanquish.com.br	Embratel	0.099	9999	Yes	No	\$18.00	-	-	-
Picture Internet Provider	Sao Paulo-SP,	(11) 5084-0028	picture.com.br	Embratel	0.099	9999	No	No	\$30.00	-	-	-
Origin Net	Rio de Janeiro-RJ,	(11) 547-2411	originet.com.br	Embratel	0.099	9999	Yes	No	\$25.00	15	\$2.50	-
DTS Software Brasil Ltda.	Sao Paulo-SP,	(11) 549-6599	dts.com.br	Embratel	0.099	-	Yes	No	-	-	-	-
Nutecnet	Sao Paulo-SP,	(11) 5505-5728	sao.nutec-net.com.br	Embratel	0.099	9999	Yes	No	\$27.00	10	-	-
Dedalus Net	Sao Paulo-SP,	(11) 5506-2210	dedalus.net	Embratel	0.099	9999	Yes	No	\$18.80	10	\$2.07	-
Eco Digit	Sao Paulo-SP,	(11) 575-2742	ecodigit.com.br	Embratel	0.099	9999	No	No	\$1.98	1	\$1.98	-
Excalibur	Sao Paulo-SP,	(11) 606-7011	excalibur.com.br	Embratel	0.099	9999	No	No	\$1.00	1	\$1.00	-
Intervista-Providor Internet	Sao Paulo-SP,	(11) 6914-6029	intervista.com.br	Embratel	0.099	9999	No	No	\$1.50	1	\$1.50	-
Arlais	Sao Paulo-SP,	(11) 7824-1569	pop.arlais.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$2.00	-
Net DS	Sao Paulo-SP,	(11) 7922-2516	netds.com.br	Embratel	0.099	9999	Yes	No	\$35.00	10	-	-
Perceptron	Sao Paulo-SP,	(11) 802-8529	perceptron.com.br	Embratel	0.099	9999	Yes	No	\$22.00	20	-	-
Telnet/Worldnet	Sao Paulo-SP,	(11) 816-5330	telnet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	-	-
Dispro Software Ltda.	Sao Paulo-SP,	(11) 820-1422	ispro.com.br	Embratel	0.099	-	Yes	No	-	-	-	-
Dialdata	Sao Paulo-SP,	(11) 829-4731	dialdata.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$1.80	-
New Way Service Provider	Sao Paulo-SP,	(11) 833-0100	nw.com.br	Embratel/IBM	0.099	9999	Yes	No	\$35.00	-	-	-
NVC Eletrônica	Sao Paulo-SP,	(11) 866-8555	nvc.com.br	Embratel	0.099	9999	Yes	No	\$33.33	30	\$0.95	-
Mandic S.A.	Sao Paulo-SP,	(11) 870-0888	mandic.com.br	Embratel	0.099	9999	Yes	No	\$19.95	10	-	-
STI BBS	Sao Paulo-SP,	(11) 889-7449	sti.com.br	Embratel	0.099	9999	Yes	No	\$35.00	-	-	-
That's Internet!	Sao Paulo-SP,	(11)211-1129	that.com.br	Embratel	0.099	9999	Yes	No	\$55.00	30	-	-
Cfmara Americana de Comercio	Rio de Janeiro-RJ,	(11)246-9199	amcham.com.br	Embratel/IBM	0.099	9999	Yes	No	\$15.00	-	-	-
Hydranet	Sao Paulo-SP,	(11)256-1539	hydra.com.br	Embratel	0.099	9999	Yes	No	\$29.00	-	-	-
Net Point	Sao Paulo-SP,	(11)257-6288	netpoint.com.br	Embratel	0.099	9999	Yes	No	\$34.00	15	\$2.25	-
Travel Tour Search	Sao Jos, dos Campos,	(12) 323-1760	yaki.com.br	Embratel	0.099	9999	Yes	No	\$2.00	1	\$2.00	-
Valley Connection BBS	Sao Jos, dos Campos,	(12) 331-3940	valleybbs.com.br	RNP	0.099	9999	Yes	No	\$30.00	30	-	-
Iconet	Sao Jos, dos Campos,	(12) 341-1256	iconet.com.br	Embratel	0.099	9999	Yes	No	\$40.00	20	-	-
Net Vale	Sao Jos, dos Campos,	(12) 341-6789	netvale.com.br	Embratel	0.099	9999	No	No	\$1.26	1	\$1.26	-
LBM	Santos-SP,	(13) 231-1122	lbm.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	-	-
Coastalway	Santos-SP,	(13) 233-4409	coastalway.com.br	Embratel	0.099	9999	Yes	No	\$30.00	50	-	-
Bsnet	Santos-SP,	(13) 234-6940	bsnet.com.br	Embratel	0.099	9999	Yes	No	\$40.00	-	-	-
Allnetwork	Santos-SP,	(13) 234-8435	allnetwork.com.br	Embratel	0.099	9999	No	No	\$30.00	30	-	-
Carrier Internet	Santos-SP,	(13) 238-3812	carrier.com.br	Embratel	0.099	9999	Yes	No	\$25.00	-	-	-
Iron	Santos-SP,	(13) 284-0564	iron.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	\$1.00	-
Adaptanet	Marilia-SP,	(14) 234-6898	adaptanet.com.br	Embratel	0.099	9999	Yes	No	\$100.00	-	-	-
Art Provider	Marilia-SP,	(14) 433-5764	art.com.br	Embratel	0.099	9999	Yes	No	\$35.00	30	-	-
Starnet	Sao Paulo-SP,	(142) 342-866	starnet.com.br	Embratel	0.099	9999	No	No	\$39.00	10	\$3.90	-
Splicenet	Sorocaba-SP,	(15) 222-4545	splicenet.com.br	Embratel	0.099	9999	Yes	No	\$40.00	40	\$1.50	-
Sunrise Net	Araraquara-SP,	(16) 235-1517	sunrise.com.br	Embratel	0.099	9999	Yes	No	\$30.00	15	-	-
Sunrise	Sao Paulo-SP,	(16) 235-1517	sunrise.com.br	Embratel	0.099	9999	Yes	No	\$30.00	15	-	-

Convex	Ribeirao Preto-SP,	(16) 605-1000	convex.com.br	Embratel	0.099	9999	Yes	No	\$35.00	30	-	-	-
Net Site	Riberao Preto-SP,	(16) 635-4000	netsite.com.br	Embratel	0.099	9999	Yes	No	\$35.00	10	\$2.95	-	-
Netway Internet Provider	Franca-SP,	(16) 721-2552	francanet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	-	-	-	-
Rio Preto Net	Sao Jos, do Rio Preto-SP,	(17) 227-5213	riopreto.com.br	Embratel	0.099	9999	Yes	No	\$20.00	-	-	-	-
Supernet	Campinas-SJ,	(19) 234-6955	supernet.com.br	Embratel	0.099	9999	Yes	No	\$33.00	20	-	-	-
MPCbbs	Campinas-SP,	(19) 254-4270	mpcbbs.com.br	Embratel	0.099	9999	No	No	\$1.20	1	\$1.20	-	-
KLT Net	Campinas-SP,	(19) 257-5323	klt.net.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	-	-	-
Estafao Aleph	Campinas-SP,	(19) 436-951	aleph.com.br	Embratel	0.099	9999	Yes	No	\$60.00	30	\$3.20	-	-
DGLNET	Campinas-SP,	(19) 735-7302	dglnet.com.br	Embratel	0.099	9999	Yes	No	\$35.00	50	\$2.00	-	-
Arras Online	Rio de Janeiro-RJ,	(21) 224-1100	arras.com.br	Embratel	0.099	9999	Yes	No	\$50.00	40	-	-	-
Snap	Rio de Janeiro-RJ,	(21) 224-5567	snap.com.br	Embratel	0.099	9999	No	No	\$32.00	-	-	-	-
Databras	Rio de Janeiro-RJ,	(21) 233-2363	databras.com.br	Embratel	0.099	9999	No	No	\$2.00	1	\$2.00	-	-
Esquadro	Rio de Janeiro-RJ,	(21) 233-2691	esquadro.com.br	Embratel	0.099	9999	No	No	\$36.30	30	\$1.51	-	-
Infolink	Rio de Janeiro-RJ,	(21) 239-6770	infolink.com.br	Embratel	0.099	9999	Yes	No	\$30.00	-	-	-	-
Rionet Inform tica	Rio de Janeiro,	(21) 240-6928	rionet.com.br	RNP	0.099	9999	Yes	No	\$36.00	30	\$1.80	-	-
BR Site	Rio de Janeiro-RJ,	(21) 242-8087	brsite.com.br	Embratel	0.099	9999	No	No	\$15.00	10	-	-	-
Hexanet Inform tica Ltda.	Rio de Janeiro-RJ,	(21) 283-0305	hexanet.com.br	RNP	0.099	9999	No	No	\$30.00	-	-	-	-
Mrsoft	Rio de Janeiro-RJ,	(21) 287-7715	embratel.net.br	Embratel	0.099	9999	Yes	No	\$98.00	-	-	-	-
Biohardware	Rio de Janeiro-RJ,	(21) 294-4891	biohard.com.br	Embratel	0.099	9999	Yes	No	\$30.00	60	\$2.50	-	-
Centroln	Rio de Janeiro-RJ,	(21) 295-3394	centroin.com.br	Embratel	0.099	9999	Yes	No	\$39.00	35	-	-	-
Prolink	Rio de Janeiro-RJ,	(21) 509-4309	prolink.com.br	Embratel	0.099	9999	Yes	No	\$29.00	-	-	-	-
Easynet	Rio de Janeiro,	(21) 531-1755	easynet.com.br	Embratel	0.099	9999	Yes	No	\$52.00	35	\$2.90	-	-
Spacenet	Rio De Janeiro RJ,	(21) 532-5444	spacenet.com.br	Embratel	0.099	9999	Yes	No	\$45.00	30	\$2.50	-	-
MI Montreal Inform tica	Rio de Janeiro-RJ,	(21) 532-5700	montreal.com.br	Embratel	0.099	9999	Yes	No	\$40.00	30	-	-	-
Unisys	Rio de Janeiro,	(21) 532-6900	unisys.com.br	Embratel	0.099	9999	Yes	No	\$40.00	30	-	-	-
ISM	Rio de Janeiro-RJ,	(21) 533-3937	ism.com.br	Embratel	0.099	9999	Yes	No	\$35.00	20	-	-	-
MTEC	Rio de Janeiro-RJ,	(21) 533-5039	pop.mtec.com.br	Embratel	0.099	9999	Yes	No	\$50.00	50	-	-	-
Inside (IIS)	Rio de Janeiro-RJ,	(21) 537-3162	iis.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$2.50	-	-
Skydome ISP	Rio de Janeiro-RJ,	(21) 537-7900	sky.com.br	Embratel	0.099	9999	No	No	\$30.00	-	-	-	-
Unikey	Rio de Janeiro,	(21) 550-7431	unikey.com.br	Embratel	0.099	9999	Yes	No	\$25.00	-	-	-	-
Visualnet	Rio de Janeiro-RJ,	(21) 553-0204	visualnet.com.br	Embratel	0.099	9999	Yes	No	\$56.00	50	-	-	-
Netyet Internet Service Provider	Rio de Janeiro-RJ,	(21) 553-5015	netyet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	40	-	-	-
Cybernet	Rio de Janeiro-RJ,	(21) 553-5577	cybernet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$1.30	-	-
Domain	Rio de Janeiro-RJ,	(21) 553-6757	domain.com.br	Embratel	0.099	9999	Yes	No	\$45.00	30	\$1.90	-	-
Cruiser	Noterci-RJ,	(21) 611-0111	cruiser.com.br	RNP	0.099	9999	No	No	\$50.00	-	-	-	-
Terenet	Teresopolis-RJ,	(21) 742-3113	terenet.com.br	Embratel	0.099	9999	Yes	No	\$35.00	20	\$2.50	-	-
Compuland Inform tica	Petrpolis-RJ,	(242) 313-254	compuland.com.br	Embratel	0.099	9999	Yes	No	\$32.00	-	-	-	-
Censa Net	Campos-RJ,	(247) 234-551	censa.com.br	Embratel	0.099	9999	No	No	\$1.50	1	\$1.50	-	-
Lagosnet	Macaie-RJ,	(247) 620-023	lagosnet.com.br	Embratel	0.099	9999	Yes	No	\$33.20	-	-	-	-
Tropical Net	Vitria-ES,	(27) 200-3306	tropical.com.br	Embratel	0.099	9999	Yes	No	\$38.00	40	-	-	-
Gol	Vitria-ES,	(27) 322-0475	gol.com.br	Embratel	0.099	-	Yes	No	-	-	-	-	-
Vixnet	Vitria-ES,	(27) 325-4315	vixnet.com.br	Embratel	0.099	-	Yes	No	-	-	-	-	-
Qnet-Provedor em Minas Gerais	Belo Horizonte-MG,	(31) 222-0122	qnet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	-	-	-	-
Task Soft Net	Belo Horizonte-MG,	(31) 274-0255	task.com.br	RNP	0.099	9999	Yes	No	\$32.00	-	-	-	-
Cyberdock	Belo Horizonte-MG,	(31) 274-1210	cyberdock.com.br	RNP	0.099	9999	Yes	No	\$28.00	40	\$0.70	-	-
i2 Software	Belo Horizonte-MG,	(31) 274-4043	i2.com.br	RNP	0.099	9999	Yes	No	\$35.00	-	-	-	-
iNet	Belo Horizonte-MG,	(31) 274-4043	inet.com.br	RNP	0.099	9999	Yes	No	\$31.80	-	-	-	-
VS NET	Belo Horizonte-MG,	(31) 282-2220	vsnet.com.br	RNP	0.099	9999	Yes	No	\$33.00	-	-	-	-
Suporte BBS	Belo Horizonte-MG,	(31) 332-2675	suporte.com.br	Embratel	0.099	9999	Yes	No	\$19.80	10	\$1.98	-	-
GCSNet Home Page	Belo Horizonte-MG,	(31) 371-3311	gcsnet.com.br	RNP	0.099	9999	Yes	No	\$35.00	-	-	-	-
Metalink	Belo Horizonte-MG,	(31) 421-5566	metalink.com.br	Embratel	0.099	9999	Yes	No	\$32.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
Qufntica Inform tica Ltda.	Araguari-MG,	(34) 242-3737	quantica.com.br	Embratel	0.099	9999	No	No	\$35.00	25	—	—	—
Lidercomp Inform tica	Uberaba-MG,	(34) 312-1408	ldc.com.br	Embratel	0.099	9999	Yes	No	\$30.00	80	\$1.00	—	—
Kanopus Inform tica	Curitiba-PR,	(41) 222-0277	kanopus.com.br	RNP	0.099	9999	Yes	No	\$1.50	1	\$1.50	—	—
Palm Inform tica	Curitiba-PR,	(41) 224-5946	cwb.palm.com.br	Embratel	0.099	9999	No	No	\$35.00	40	—	—	—
BSI Provedor Internet	Curitiba-PR,	(41) 322-1700	bsi.com.br	Embratel	0.099	9999	Yes	No	\$29.00	15	—	—	—
Inform tica Ltda.	Curitiba-PR,	(41) 322-4744	mps.com.br	RNP	0.099	9999	Yes	No	\$25.00	10	\$2.50	—	—
MPS Inform tica	Curitiba-PR,	(41) 322-4744	mps.com.br	Embratel	0.099	9999	Yes	No	\$25.00	10	\$2.50	—	—
LogosNet	Curitiba-PR,	(41) 322-7880	logos.com.br	Embratel	0.099	9999	Yes	No	\$2.00	1	\$2.00	—	—
Netpar	Curitiba-PR,	(41) 323-1855	netpar.com.br	Embratel	0.099	9999	Yes	No	\$35.00	25	—	—	—
Netway	Curitiba-PR,	(41) 330-7025	netway.com.br	Embratel	0.099	9999	No	No	\$40.00	20	\$2.00	—	—
Sul! BBS Online Services	Curitiba-PR,	(41) 332-1151	sul.com.br	Embratel	0.099	9999	Yes	No	\$1.40	1	\$1.40	—	—
ACIF	Curitiba-PR,	(41) 335-8555	acif.com.br	RNP	0.099	—	Yes	No	—	—	—	—	—
Convoy Inform tica	Ponta Grossa-PA,	(42) 225-2888	convoy.com.br	Embratel	0.099	9999	Yes	No	\$2.00	—	—	—	—
Inbrapenet	Londrina-PR,	(43) 339-8383	inbrapenet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	43	—	—	—
Certo	Cascavel-PR,	(45) 225-3335	certo.com.br	Embratel	0.099	9999	Yes	No	\$30.00	—	—	—	—
Foznet	Foz do Iguaçu-PR,	(45) 523-2975	foznet.com.br	Embratel	0.099	9999	Yes	No	\$45.00	—	—	—	—
Open Line	João Pessoa-PA,	(47) 244-2989	openline.com.br	Embratel	0.099	9999	Yes	No	\$20.00	20	\$1.00	—	—
Netuno Inform tica e Comunicaçao	Jaraguá do Sul-SC,	(47) 372-5050	netuno.com.br	Embratel	0.099	9999	Yes	No	\$23.00	30	\$1.20	—	—
Netville	Joinville-SC,	(47) 433-4784	netville.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	\$1.50	—	—
Dualline	Florianópolis-SC,	(48) 224-3119	dualline.com.br	Embratel	0.099	9999	Yes	No	\$35.00	30	\$1.50	—	—
Netco Internet Provider	Florianópolis-SC,	(48) 224-4140	netco.com.br	Netcom	0.099	9999	Yes	No	\$54.50	—	—	—	—
Net School Provider	Florianópolis-SC,	(48) 224-6769	netschool.com.br	Embratel	0.099	9999	No	No	\$30.00	—	—	—	—
InterAccess	Florianópolis-SC,	(48) 234-3755	iaccess.com.br	Embratel	0.099	9999	Yes	No	\$35.00	40	\$1.50	—	—
Matrix Internet	Florianópolis-SC,	(48) 281-2306	matrix.com.br	Embratel	0.099	9999	Yes	No	\$30.00	120	—	—	—
Fastlane Internet	Florianópolis-SC,	(48) 980-5937	fastlane.com.br	Embratel	0.099	9999	Yes	No	\$30.00	60	—	—	—
Vanet	Porto Alegre-RS,	(51) 228-4221	vanet.com.br	RNP	0.099	9999	Yes	No	\$20.00	—	—	—	—
Easyway	Porto Alegre-RS,	(51) 316-0000	ez-poa.com.br	Embratel	0.099	9999	Yes	No	\$25.00	10	—	—	—
Logic	Porto Alegre-RS,	(51) 334-1745	logic.com.br	RNP	0.099	9999	Yes	No	\$20.00	—	—	—	—
Plug-In	Porto Alegre-RS,	(51) 346-4329	plug-in.com.br	Embratel	0.099	9999	Yes	No	\$40.00	20	\$2.50	—	—
Nutecnet	Porto Alegre-RS,	(51) 515-1155	rio.nutec-net.com.br	Embratel	0.099	9999	Yes	No	\$35.00	20	\$2.00	—	—
TCA Internet Provider	Taquara-RS,	(51) 542-5155	tca.com.br	Embratel	0.099	9999	Yes	No	\$37.00	20	—	—	—
SJInfo Provedor	Pelotas-RS,	(532) 259-111	sjinfo.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$1.50	—	—
Conesul Internet	Pelotas-RS,	(532) 273-107	conesul.com.br	Embratel	0.099	9999	No	No	\$50.00	—	—	—	—
Alternet	Bagé-RS,	(532) 421-300	alternet.com.br	Embratel	0.099	9999	No	No	\$55.00	—	—	—	—
Gramadosite	Gramado-RS,	(54) 286-2078	gramadosite.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$2.50	—	—
Italnet Internet Provider	Bento Gonçalves-RS,	(54) 451-1780	italnet.com.br	Embratel	0.099	9999	Yes	No	\$2.00	1	\$2.00	—	—
Missoes Inform tica Ltda.	Santo Angelo-Rio Grande d,	(55) 312-6005	missoes.com.br	Embratel	0.099	—	Yes	No	—	—	—	—	—
Bolacel	Uruguaiana-RS,	(55) 412-5656	bolacel.com.br	Embratel	0.099	9999	No	No	\$35.00	—	—	—	—
BRNet	Brasília-DF,	(61) 243-5700	brnet.com.br	RNP	0.099	9999	Yes	No	\$35.00	30	\$1.50	—	—
Abordo Inform tica	Brasília-DF,	(61) 323-7703	cdsid.com.br	Embratel	0.099	9999	No	No	\$30.00	—	—	—	—
APIS	Brasília-DF,	(61) 327-1557	apis.com.br	RNP	0.099	9999	Yes	No	\$35.00	30	—	—	—
Via Internet Inform tica	Brasília-DF,	(61) 327-20033	via-net.com.br	Embratel	0.099	9999	Yes	No	\$50.00	50	—	—	—
Global Network Solutions	Brasília-DF,	(61) 327-2627	gns.com.br	RNP	0.099	9999	Yes	No	\$44.10	35	—	—	—
Conectanet	Brasília-DF,	(61) 340-2070	conectanet.com.br	RNP	0.099	—	Yes	No	—	—	—	—	—
Solar Internet	Brasília-DF,	(61) 340-4747	solar.com.br	RNP	0.099	9999	No	No	\$1.00	1	\$1.00	—	—
Mapamundi Internet Service Provider	Brasília-DF,	(61) 344-3831	mapamundi.com.br	RNP	0.099	9999	Yes	No	\$24.00	30	\$1.82	—	—
TBA Internet	Brasília-DF,	(61) 348-3333	tbabsb.com.br	Embratel	0.099	9999	Yes	No	\$30.00	20	\$2.00	—	—
Persocom	Brasília-DF,	(61) 349-1414	persocom.com.br	RNP	0.099	9999	Yes	No	\$30.00	30	\$1.33	—	—

Net Line	Goifnia-GO,	(62) 212-3890	netline.com.br	Embratel	0.099	9999	Yes	No	\$38.00	20	\$3.80	-	-
Persogo	Goifnia-GO,	(62) 285-4252	persogo.com.br	Embratel	0.099	9999	Yes	No	\$35.00	20	-	-	-
Genetic	Anapolis-Goiás,	(62) 311-3001	genetic.com.br	Embratel	0.099	9999	Yes	No	\$32.00	30	-	-	-
International Hosts	Goifnia-GO,	(62) 846-3000	internetio-nal.com.br	Embratel	0.099	9999	Yes	No	\$30.00	-	-	-	-
Networld	Rondonópolis-MT,	(65) 422-4601	networld.com.br	Embratel	0.099	9999	Yes	No	\$37.50	20	-	-	-
AANet Inform tica	Campo Grande-MS,	(67) 724-1279	alanet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	-	-	-
Mdnet	Rio Branco-Acre,	(68) 223-1791	mdnet.com.br	Embratel	0.099	9999	Yes	No	\$65.00	30	-	-	-
Interligue	Salvador-BA,	(71) 332-3500	interligue.com.br	Embratel	0.099	9999	Yes	No	\$35.00	20	\$2.50	-	-
Interplanet	Salvador-BA,	(71) 334-1481	interplanet.com.br	Embratel	0.099	9999	No	No	\$1.00	1	\$1.00	-	-
Cult Online	Salvador-BA,	(71) 336-8546	cult.com.br	Embratel	0.099	9999	No	No	\$50.00	100	-	-	-
Provider	Salvador-BA,	(71) 341-0295	provider.com.br	Embratel	0.099	9999	Yes	No	\$40.00	25	\$2.50	-	-
Compos Internet Provider	Salvador-BA,	(71) 341-2111	compos.com.br	Embratel	0.099	9999	Yes	No	\$25.00	20	\$1.50	-	-
Serv Net - Internet Access	Salvador-BA,	(71) 341-6000	svn.com.br	Embratel	0.099	9999	Yes	No	\$49.00	-	-	-	-
Starcom Internet Server	Salvador-BA,	(71) 341-7777	stc.com.br	Embratel	0.099	9999	Yes	No	\$35.00	-	-	-	-
Magic Link	Salvador-BA,	(71) 351-1615	magiclink.com.br	Embratel	0.099	9999	Yes	No	\$39.00	-	-	-	-
Net Path	Salvador-BA,	(71) 353-3150	netpath.com.br	Embratel	0.099	9999	Yes	No	\$35.00	-	-	-	-
Quasar	Salvador-BA,	(71) 353-7966	quasar.com.br	Embratel	0.099	9999	Yes	No	\$32.00	-	-	-	-
Infonet	Aracaju-SE,	(79) 211-6277	infonet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	-	-	-	-
Interlig	Aracaju-SE,	(79) 222-5768	eribeiro.com.br	Embratel	0.099	9999	Yes	No	\$1.00	1	\$1.00	-	-
Classe A Internet	Aracaju-SE,	(79) 224-9403	classea.com.br	Embratel	0.099	9999	Yes	No	\$35.00	30	\$2.00	-	-
Elogica	Recife-PE,	(81) 416-5353	elogica.com.br	RNP	0.099	9999	Yes	No	\$20.00	20	\$2.90	-	-
ITLine	Recife-PE,	(81) 423-1433	it.com.br	RNP	0.099	9999	Yes	No	\$32.00	30	\$2.50	-	-
Nlink	Recife-PE,	(81) 423-7668	nlink.com.br	RNP	0.099	9999	Yes	No	\$1.00	1	\$1.00	-	-
Novaera Net	Recife-PE,	(81) 465-3211	novaera.com.br	RNP	0.099	9999	Yes	No	\$30.00	30	-	-	-
Sonet Online Internet Provider	Caruaru-PE,	(81) 722-5522	sonet.com.br	RNP	0.099	9999	No	No	\$32.00	40	-	-	-
Blue Net ISP	Garanhuns-PE,	(81) 761-3141	bluenet.com.br	RNP	0.099	9999	Yes	No	\$30.00	-	-	-	-
Netcap	Petrolina-PE,	(81) 862-1032	netcap.com.br	Embratel	0.099	9999	No	No	\$33.00	30	-	-	-
Nornet Teleinform tica	Maceió-AL,	(82) 221-3066	nornet.com.br	Embratel	0.099	9999	Yes	No	\$35.00	35	\$1.00	-	-
Dignet Brasil BBS & Internet Provider	Natal-RN,	(84) 211-3024	digi.com.br	Embratel	0.099	9999	Yes	No	\$1.20	1	\$1.20	-	-
Summernet	Natal-RN,	(84) 222-1590	summer.com.br	Embratel	0.099	9999	Yes	No	\$42.00	30	-	-	-
Infovia Provedor de Acesso	Fortaleza-CE,	(85) 264-4747	ivia.com.br	RNP	0.099	9999	Yes	No	\$30.00	40	-	-	-
R.A. Inform tica	Teresina-PI,	(86) 234-1626	ranet.com.br	Embratel	0.099	9999	Yes	No	\$30.00	-	-	-	-
Expert Inform tica Ltda.	Bel,m-PA,	(91) 212-0907	expert.com.br	Embratel	0.099	9999	No	No	\$40.00	30	-	-	-
SupriNet	Bel,m-PA,	(91) 241-3366	supridad.com.br	Embratel	0.099	9999	Yes	No	\$1.00	1	\$1.00	-	-
Amazon Network	Bel,m-PA,	(91) 242-1622	amazon.com.br	Embratel	0.099	9999	Yes	No	\$20.00	10	\$1.50	-	-
CEPD	Bel,m-PA,	(91) 242-6793	datanetbbs.com.br	Embratel	0.099	9999	Yes	No	\$35.00	30	\$1.20	-	-
Netium	Manaus-AM,	(92) 622-6161	netium.com.br	Embratel	0.099	9999	Yes	No	\$30.00	30	\$1.00	-	-
SCAM	Manaus-AM,	(92) 642-1010	manaus.pegasus.com.br	Embratel	0.099	9999	Yes	No	\$40.00	-	-	-	-
Capital Importadora-Internet	Manaus-AM,	(92) 671-509-430	n3.com.br	Embratel	0.099	9999	No	No	\$28.30	-	-	-	-
Technet Home Page	Boa Vista-RO,	(95) 623-1530	technet.com.br	Embratel	0.099	9999	Yes	No	\$40.00	40	-	-	-
Horizontes BBS	Belo Horizonte, MG	312-863-420	horizontes.com.br	RNP	1.000	304	No	No	\$35.00	-	-	-	-
FlyNet Informática Ltda	Blumenau, SC	473-263-980	flynet.com.br	Embratel	45.000	15	No	No	\$2000.00	20	\$150.00	-	-
Javali Informatica	Sao Paulo, SP	551-183-5826	javali.com.br	Embratel	0.128	-	Yes	No	-	-	-	-	-
The Digital HIGHWAY	Rio de Janeiro, RJ	552-151-2125	highway.com.br	Embratel	40.000	90	No	No	\$30.00	20	\$2.50	-	-
AlterNex	Rio de Janeiro, RJ	552-151-5050	alternex.com.br	Embratel/RNP	0.640	150	No	No	\$3000.00	20	\$200.00	-	-
BHNET	Belo Horizonte-MG, MG	553-128-1557	bhnet.com.br	RNP	0.512	108	No	No	\$30.00	30	\$1.80	-	-
Netland Computer Systems	Belo Horizonte, MG	553-128-1643	netland.com.br	RNP/Embratel	20.000	64	No	No	\$30.00	-	-	-	-
InterOp Informatica Ltda.	Porto Alegre, RS	555-122-7349	interop.com.br	Embratel	45.000	-	Yes	No	-	-	-	-	-
Inova Tecnologias S/C Ltda	Fortaleza, CEARÁ	558-526-4243	inova.net	UUNET	0.099	9999	Yes	No	\$3500.00	40	\$100.00	-	-
CyberNET Teleinformatica Ltda	Criciúma, SC	984-437-3	cyber.com.br	Embratel	0.064	16	No	No	\$40.00	40	\$2.00	-	-

GETTING A DIAL-UP CONNECTION TO THE INTERNET

by Jack Rickard

It may or may not be obvious that to use the Internet you must first connect to it. The Internet is basically an interconnection of computers, large and small, in a series of many networks around the world. Once you are connected to it, you can send and receive e-mail to/from anyone on any of those computers likewise connected to the Internet, transfer files, and view World Wide Web sites.

To gain such a connection, you must connect your computer to another computer or network that is already connected to the Internet. We refer to those who have Internet connectivity, and offer to extend that connectivity to the public for a fee, as an Internet service provider or ISP. ISPs generally maintain an equipment room that is connected to the Internet with a larger bandwidth connection, typically a 1.544 Mbps or higher connection to a national backbone operator. They may also provide "dial-up" service by maintaining a large bank of modems for the public to dial into to connect.

Despite all the discussion of cable television connections, satellite connections, ISDN, and higher bandwidth connections, the most common way to connect to the Internet is still the modem. Over 60% of all the people on the Internet gain access from home by using an ordinary dial-up modem, and despite the impression that most businesses are connected using leased lines at 1.544 Mbps and higher, we find many businesses are likewise connected to the Internet with an ordinary dial-up connection.

To get a dial-up connection to the Internet, you will need three items:

1. Software for your computer to use electronic mail, the World Wide Web, and other Internet features.
2. A modem connected to your serial port and a telephone line.
3. A dial-up account with an Internet Service Provider.

Increasingly, all the software you need to connect to the Internet is either already included in the operating system that came with your computer, or provided by the Internet service provider when you sign up for service.

The majority of modems are 28.8 kbps or 33.6 kbps modems conforming to the International Telecommunications Union (ITU) V.34 specification. Currently, we are starting to see a few new 56 kbps modems. Modems are commonly available in computer and department stores for as little as \$99 and as much as \$300. Currently, the new 56 kbps modems are very much in vogue.

Getting a dial-up connection to an Internet service provider primarily involves calling one voice telephone, providing them some basic sign-up information, a credit card number, and getting an account. It also involves configuring your software with some basic information. In some cases, the ISP will send you a diskette by mail with the software mostly configured for you. If not, use the accompanying form we provide here to get the basic information you will need to configure your computer to connect to the Internet.

Shopping for an Internet service provider generally is a function of your geographic location, the services they offer, and the price. The purpose of this directory is to provide you with some resource to locate and select an Internet service provider.

The geography component is actually pretty important. Most Internet service providers have moved toward flat-rate pricing where you pay a certain fixed fee each month for connectivity to the Internet. In general, you can connect as often or as rarely as you like, but you still pay the same monthly fee. But note that you might have to pay long distance fees to the telephone company if your Internet service provider does not have a dial-up point-of-presence (POP) in your local dialing area. While Internet access has moved to a quite reasonable flat-rate price of approximately \$20 per month with most providers, you can quickly run up a

much larger bill with your local telephone company if you must dial long distance to connect to the Internet service provider point of presence or POP. It is actually quite important that your call to connect to the ISP is within your local calling area and does not incur any timed charges.

With regards to geography, the directory is organized in listings first by area code, and within each area code by voice telephone number. In this way, you can go directly to your area code to see who offers service in that area.

Within each area code, the ISPs are listed in two groups. The first group actually has their office located in that area code. They are local companies and often host local meetings, seminars, and provide good local customer service. It is fairly easy to tell where they are located within the area code by the local voice telephone number for each.

The second group within each area code are national Internet Service Providers. They tend to be larger companies, often offering national service, and offer SOME local POP somewhere within this area code. In both cases, you will likely have to call the various ISPs listed to see if they have a POP that is actually a local call to you. Usually, you can call and simply give them your telephone number and they can tell you nearly instantly if they have a POP local to you.

Each listing in the directory contains several elements of information.

PROVIDER - This is the name of the company operating as an Internet service provider.

LOCATION - City and state of their home office. Again, they may have POPs almost anywhere.

VOICE PHONE - Number of sales office where you can sign up for service.

DOMAIN NAME - This is the root domain name of the Internet service provider. Often, you can locate their web page by adding <http://www>. to its domain name. Similarly, most maintain

an autoresponder e-mail address that will reply with information about their services at info@domainname.

BACKBONE: This is the national backbone this particular ISP is ultimately connected to.

Note also that some Internet service providers have more than one connection. They may have several different lines to the same provider, or they may have several different connections to different backbone operators. This is somewhat of an advantage in that it indicates higher capacity, but also some redundancy. If they lose their connection to MCI temporarily, the traffic will simply transit the other link to SPRINT for example.

TOTAL BANDWIDTH: This is the total bandwidth, in megabits-per-second, of the ISP's connection to the Internet. Higher values are obviously better.

DIAL-UP PORTS: This indicates the number of modems the ISP has to service dial-up calls. The relationship between the number of dial-up ports, and the total bandwidth to the Internet, is somewhat important. If too many dial-up ports are connected to too little bandwidth, you will likely experience a slower connection with more delays. Too few dial-up ports for a given group of customers may lead to busy signals. It is appropriate to ask what the modem-to-user ratio is for any particular service provider. These are typically in the range of 8 to 12 users per modem port. Values higher than 14 often lead to excessive busy signals. "No busy signal" policies are generally not very useful information.

Some Internet service providers simply refused to provide this data on the bandwidth and number of ports. Since most of what you are paying your \$20 monthly for is this connection, we've taken the rather strong position that you are entitled to some knowledge regarding the nature of this connection you are buying. But in every industry, there are always a few players who look for the shortcuts and some ISPs do indeed connect too many modems to too little bandwidth and attempt to sell it anyway. And the nature of the network is such that it is rather easy for them to point the finger at the network as a whole or the large backbone operators when faced with customer complaints.

All ISPs listed have been contacted several times to obtain this information. Some have simply refused to provide it. Rather than simply leave the column blank, we have entered a default value of .999 MB as the bandwidth, and 9999 dial-up ports where the ISP has refused to provide this information. This is not meant to represent a specific value, as much as it is to provide a default indication that the ISP refuses to provide this information. Our experience is that most callers, who have any choice at all, do better to avoid these operators. If they don't want to give out this information, there is usually a pretty good reason WHY they don't want to give it out. Avoid them where possible. In any event, bandwidth and dial-up port quantities change constantly, and it is perfectly appropriate to ask what the current bandwidth of connection is to the Internet, and how many dial-up ports are available. If they indicate that this is proprietary information, or provide some long winded explanation about how that doesn't matter, move on. Any technically reliable Internet service provider will be more than happy to provide this information, and often in some level of detail quite beyond what you were quite asking. Many take extraordinary pride in the network they have constructed.

As a last resort, ask the prospective ISP to give you an access phone number to test. Dial it with an ordinary telephone hand set several times during times of the day you expect to use the service. If you get a busy signal regularly when doing so, they may have too many customers for their infrastructure right now. If you get a pickup immediately, you will not likely face a busy signal problem.

The **DED ACC** column simply indicates whether this ISP offers dedicated access connections to businesses and others. If you later want to upgrade to a leased-line connection of higher bandwidth, this is much easier to accomplish if your current dial-up ISP offers such connections.

ISDN stands for Integrated Services Digital Network. This is a type of telephone service you must obtain from your local telephone company to connect to the ISP. It provides a much better 128 kbps bandwidth connection, but the ISP must offer the service as well. It tends to be priced higher because the ISP must provision some

more expensive terminal adapter equipment, must likewise have the more expensive ISDN service from the telephone company, and provision the additional bandwidth to the backbone. As a result, while 28.8 kbps connections average \$19.95 per month, 128 kbps ISDN connections average about \$59 per month. This field indicates whether the ISP offers this service or not. Again, it is an advantage in that you may find your use of the Internet changes over time and you may want to upgrade to ISDN. If your current ISP offers this, you won't have to change your e-mail address etc. to upgrade.

The remaining columns have to do with a standard 28.8 kbps dial-up account. The **MONTHLY** charge is the amount you pay for basic access to the Internet. The **HOURS** indicates the number of hours included in the basic charge. If none are listed, it is typically a flat rate account and you can use all of it you like without limitation. **ADDTL** indicates the price of additional hours after the initial allotment is used up.

For example, if the **MONTHLY** charge is \$24, the **HOURS** is 80, and the **ADDTL** indicates \$0.50, this means that for \$24 monthly, you get an 80 hour allowance each month, and any hours over 80 are billed at the \$0.50 per hour rate. This is usually a variation on unlimited access where the ISP is trying to keep people from simply connecting their computer to the network and leaving it connected 24 hours per day. They allow you a ridiculously high number of hours for the basic monthly fee, and then a nuisance charge for hours over that to drive off the "campers" who leave their computers connected even when they're sleeping.

With this issue, we add a new column for **56 kbps** dial-up connections. We are just now seeing availability of new 56 kbps modems from a number of vendors. Early testing of these modems indicate that the original 56 kbps design goal may have been a bit optimistic -164

but connections in the 42 kbps to as high as 52-53 kbps are possible. But 56 kbps modems introduce a new element of complexity. There are at least three new technologies for 56 kbps dial-up connections. Currently, they are NOT entirely compatible. So if you wish to take advantage of these higher speeds, make sure the 56 kbps modem you purchase is compatible with the type of 56 kbps your ISP provides.

Broadly, the two primary architectures are the **US Robotics x2** architecture, and the **Rockwell/Lucent/Motorola K56flex** architecture. Note that modems based on K56flex chips from Rockwell, Lucent Technologies, or Motorola can all make 56 kbps connections between them. Connecting one of these modems to an ISP that supports US Robotics x2 will default to a 33.6 kbps connection. Conversely, x2 modems can only achieve 56 kbps connections with ISPs supporting the x2 protocol.

Unfortunately, there may be significant feature differences between the Lucent K56flex implementation and the Rockwell K56flex implementation beyond just making a 56 kbps connection. Lucent, for example, is expected to offer a 45 kbps option that is symmetrical in both the upstream and downstream directions. It is not clear at this point whether or when Rockwell chipset modems will support some of these advanced features. And you may or may not care.

For this reason, we indicate the type of 56 Kbps modem architecture in the listings as follows:

x2	U.S. Robotics
RockK56flex	Rockwell Semiconductor
LucK56Flex	Lucent Technologies

Many modems use chipsets from Rockwell Semiconductor or Lucent Technology. US Robotics makes their own Sportster and Courier modems.

In our listings, we provide two columns under 56 kbps dial-up. **MONTHLY** indicates the monthly charge for 56 kbps dial-up access. **ARCHITECTURE** indicates which flavor of 56 kbps that service provider offers. Some offer more than one. Which shopping for a 56 kbps modem, make sure you purchase one using the architecture your ISP supports. Since this is an emerging technology with an International standard expected sometime in mid-1998, you also might want to make sure that any modem you purchase is **FLASHROM UPGRADEABLE**. In this way, you can easily upgrade the modem later to the final ITU standard. Some modems made with Rockwell chips will NOT be flashROM upgradeable.

If you have already purchased a 56 kbps modem, you would then want to reverse

the shopping effort to select an Internet service provider that supports the same technology as the modem you purchased.

Many ISPs want the added exposure of a bold listing. It indicates they have paid an advertising fee to have their listing appear in bold type, much after the fashion of a telephone directory.

THINGS TO LOOK FOR IN AN ISP

LOCATION

As stated, geography actually DOES play a role and will as long as long distance telephone charges continue. It can actually be MORE expensive to dial an ISP within your state than to dial one out of state if you just can't locate an ISP within a local call of your location. This is due to some of the vagaries of our existing phone system. In-state long distance charges can typically be over 20 cents per minute. Interstate long distance varies from 12 to 17 cents per minute during the day and as low as 10 cents per minute at night. If you are in an area that simply does not have an ISP within a local call from your location, many of the national backbone operators and large ISPs do offer 800 numbers - at a per minute rate. But this rate tends to be around \$6 per hour currently, which is actually better than almost any long distance direct dial price.

STABILITY

One of the questions you might ask regards how long the ISP has been in business. The entire industry is quite young with an average life of about 30 months for most Internet service providers. But stability can be important. Once you are on the Internet, you will quite likely put your e-mail address on business cards, begin to correspond with friends and business associates, and it forms part of your identity just as your telephone number or street mail address does. If you later have to change ISPs, you will almost certainly have to change your e-mail address as well. This can be inconvenient.

CUSTOMER SERVICE

Particularly for those entirely new to the Internet, customer service can be a big issue. The technology of the Internet is as yet insufficiently mature to simply plug in a computer and be on the network. You will have to install a modem, install software, and configure

the software to work with the specific ISP you connect to. Often, this goes quite beyond the telephone number and your logon name and password. You may have to configure your software to indicate gateway IP numbers, domain name servers, subnet masks, and other esoterica. Understand that this is not a shortcoming of YOUR lack of technical acumen, but rather some largely inexcusable complexity in the system. See our accompanying chapters on how to do this. Most ISPs are VERY cognizant of the hurdles new users face and very understanding that this is not a cakewalk for most of their new customers. Many go to great pains to assist with telephone support, software, etc. to help you get started. Some will even come out to your home or office, usually for a small fee in the **\$35-\$75** range, and actually install all of it for you. For many getting on the Internet for the first time, it is money well spent.

In any event, once you are on the Internet for a few weeks or months, you may want to do things differently than you originally envisioned. You may decide after just a few weeks that you need your own web site, either for personal or business use. You may find that you need a faster connection for whatever reason. You may want additional e-mail services so that you can maintain multiple mail boxes for employees or family members. It is important that you have a relationship with an ISP that can, and will handle that and that you can contact them and get a response.

PERFORMANCE

All ISPs are growing. The average growth across the industry is about 93% per year. In growing, performance can vary over time. It does not seem to be a function of large ISP versus small ISP but is more a function of the technical expertise of the network administrators and the ability of the ISP to manage growth. The "performance" you can feel over your dial-up connection can vary somewhat widely from ISP to ISP.

PRICING

Obviously a large factor when shopping for an Internet service provider is pricing. As a result of AT&T's entry into the ISP market with a \$19.95 monthly flat rate service, this is much more rational than it has been in the past. But there

are variations. At this point, if we see an Internet Service Provider rather resolutely sticking to a \$28 per month rate in the face of a nearly overwhelming move toward this \$20 monthly rate, we start to look at their bandwidth, ports, and somewhat uniformly we are finding good things there for those willing to pay a bit of a premium. On the other hand, in some very competitive markets in California, we're also seeing some annual payment programs that provide unlimited Internet access for \$99 for the year, which works out to about \$8 per month. And again, a close look usually indicates some lower quality of service. It may be that in coming months, we will start to see a true market where you can pay for what you get, and conversely get what you pay for. It still looks a little chaotic at this time, but is starting to become more rational.

On the other hand, if you are in Libby, Montana, or San Manuel, Arizona, or Rifle, Colorado, you will face much more limited choices of Internet service providers, and they likely faced much higher expenses in bringing in connectivity to such isolated areas. Monthly rates of \$35 or more are actually quite reasonable in such areas, all things considered. Our tabular listings are also only able to show a certain amount of detail. We

SERVICE	LOW	HIGH	AVG
28.8 kbps dial-up connection monthly service	\$2.91	\$350	\$19.95
28.8 kbps dial-up hours included	1	unlimited	60
28.8 kbps price per additional hour	\$0.01	\$5.00	\$1.33
56 kbps dial-up monthly	\$5.00	\$500	\$24.95
128 kbps ISDN dial-up connection	\$8.25	\$1,100	\$59.95

would say the vast MAJORITY of Internet service providers offer more than one style of pricing and service. Many have two, three, or even four different programs. In this book, they tend to list their more popular flat-rate services. But MOST of these ISPs also offer alternate programs with monthly minimums often as low as \$4.95 per month with slightly higher hourly charges and fewer hours included in the base charge. \$4.95 per month with 10 hours included and \$1 for each additional hour is actually quite commonly available. For those not wanting to use the Internet extensively, but wanting to try it at an inexpensive price, this is quite viable. You can always upgrade to a different program later if you find yourself using the service more than anticipated.

The table shows the average price of Internet access across 3,747 Internet service providers. The average 28.8 kbps dial-up price has actually risen a few cents from last issue's \$19.50 back up to \$19.95 per month. This is the first time the price has increased. The number of hours included has also dropped from 77 down to 60 per month and fewer ISPs are actually offering truly unlimited access. But ISDN prices took a big fall from \$92.23 per month to \$59.95 for a 128 kbps link. On average, the new 56 kbps links are coming in about \$5 per month higher than the 28.8 kbps connections at \$24.95 per month. But we note a large number of ISP's that plan to offer the new 56 kbps connections at the SAME price as the existing 28.8 kbps connections. ♦

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CONFIGURING WINDOWS 95

FOR A DIAL-UP INTERNET CONNECTION

by Jack Rickard

Unlike Windows 3.1, Microsoft's Windows95 contains everything you need to connect to an Internet Service Provider via a dial-up connection. It features a built-in TCP/IP winsock, electronic mail, and a World Wide Web browser. If you have a personal computer with Windows95, a modem, and a dialup account with an Internet Service Provider, you can make the connection, send and receive electronic mail, and browse the World Wide Web right now. No additional software is necessary.

The August 24th release of the Windows 95 upgrade to Microsoft's Windows platform was heralded by an extraordinary degree of press hyperbole, a \$200 million marketing program from Microsoft, and fear, consternation and uncertainty throughout the personal computer industry. Bill Gates looked silly in front of television cameras noting that there was "too much in there" to really describe.

But after a couple of weeks of playing with the released version, we think he may be onto something. After several years of desperately needing a new operating system for personal computers, we do indeed have one. And it has so much inside it that it is indeed impossible to describe totally via any communications medium - including its own documentation apparently. We found it both frustrating and fascinating - and it probably qualifies as the best computer game currently available. Doom holds nothing on Windows95.

There are of course both strong and weak areas in this new operating system release. From our point of view, the strongest is that this release finally incorporates communications into the operating system itself in a way never before attempted - competently, usefully, flexibly, and nearly enough totally. We cheered the inclusion of the Transmission Control Protocol/Internet Protocols (TCP/IP) in Windows95. But that just scratches the surface. We were astounded at the communications capabilities, at all levels, included in this OS and further a bit surprised at how open they are. It works with nearly everything. Much of the press coverage has noted the connection to the Internet via the Microsoft Network - MSN. But actually all the tools are in Win95 to connect to any Internet Service Provider. You don't HAVE to use MSN at all.

The new interface is capable and visually pleasing. But it represents the heart of the learning curve, and so we approach it with the usual mixed feelings. Once you become accustomed to doing things a certain way, the reflexes harden and any change causes a certain degree of frustration and fumbling around. And frankly, to configure ANYTHING in Windows95 is frustrating. The configuration is scattered across three, four, five, or even more completely different locations. The settings are hopelessly interrelated. And what you see on screen changes dramatically depending on what you set before, what else you have installed, what you did in the initial installation, etc. Further Microsoft has embarked on a serious campaign to make everything easier by replacing technical jargon that describes functions with bland, vague sounding terms that

describe nothing. Since you still DO have to configure a lot of technical elements, this is basically relearning a new technical language that is profoundly ill suited to its task. The online help too often indicates things that simply aren't true on your machine and error messages are laughably vague. The 95-page pamphlet accompanying the standard release is nominally pathetic and should spawn a renaissance in book publishing. Even if you spring \$69 for the *Microsoft Windows95 Resource* book, only slightly less than the \$89 charged for the OS itself, you will treat yourself to one of the most confusing, poorly written technical manuals available for a fee. After browsing through a round half-dozen of the inevitable new Windows95 books, the best we can recommend is *Mastering Windows 95 - The Windows 95 Bible*, written by Robert Cowart and published by Sybex (\$29.95 - ISBN 0-7821-1413-X. Sybex Inc., 2021 Challenger Drive, Alameda, CA 94501; (800)227-2346). It doesn't have everything we would like to see, but it does have most of it, and it is very well organized and written.

And finally on the negative side, Windows95 is spritely at some tasks, but generally it will make even a fast 486 look a bit sluggish. Reports of it requiring a large amount of memory and disk space are unfortunately true. If you can't pony up for the high-octane iron, Windows95 isn't going to make you happy.

The good news is that Windows95 will do almost anything you want it to. The bad news is that you can spend a long time and a lot of effort figuring out how to get it to do it. And then IT can take awhile on a slow machine to actually get it done.

Microsoft has taken quite a beating in the press and the world in general on their poor business practices and attempts to "own" the entire world through their operating system. The Microsoft Network has caused terrible fear among the larger commercial online services. It would appear that in the first weeks after the release of Windows95, the Microsoft Network has already become essentially unusable from the load of new callers. UUNET, who provides the national network and Internet connectivity for MSN, raised the white flag almost before it was turned on and assured everyone that it wasn't UUNET's fault and that the Microsoft back-end was to blame. The Microsoft servers consist of a network of some 300 quad-processor Pentiums from Compaq running Windows NT Server to distribute the load. Either the load was larger than expected, or the PC array doesn't quite live up to expectations. There are some serious delays getting on the system.

But we do not find this whole theory of Microsoft's mean-spirited ways reflected in Windows95 code. It is actually VERY open, very capable, and very receptive to alternative ways of making connections to almost anything anywhere. On the networking side, it includes excellent networking to Microsoft Networks and WindowsNT servers, but actually JUST AS GOOD connectivity to Novell networks, with a 32-bit client for Novell networks that we think works better than Novell's in some

interesting ways. The TCP/IP sports a new **WINSOCK.DLL** TCP/IP stack that is dramatically faster than what we are accustomed to using with Trumpet Winsock, and the basic pile of incredibly confusing shims, Clarkson packet drivers, etc. that we had cobbled together to get Windows 3.1 connected both to a Novell LAN and TCP/IP is ever so gratefully a thing of the past. Windows95 does networking. It can be a little bit of a challenge to configure for some installations, precisely because of the enormous flexibility and power in the networking side of this operating system.

The new 32-bit Windows Sockets Version 1.1 Dynamic Link Library (**WINSOCK.DLL**) is the heart of this new TCP/IP function. It works well with all third-party apps we tested and is noticeably smoother and faster than previous **WINSOCKs**. There are some "packages" out there, including the CompuServe/Spry package, that include their own proprietary **WINSOCK.DLL**, which rather obviates the concept of having a standard. If the package installs its own 16-bit **WINSOCK**, it can not only lead to some conflicts, but represents an enormous leap backwards in performance.

And while Microsoft provides connectivity for electronic mail and the Internet, including a capable new web browser termed **Internet Explorer**, we were amazed to find how flexible and open this system is to connecting to ANY Internet service anywhere. It performs VERY well, in some very surprising areas. We not only connected via a dial-up PPP to a plain vanilla Internet service provider, but were stunned to learn that we could configure the new Microsoft e-mail program, titled **Microsoft Exchange**, to do Post Office Protocol 3 (POP3) mail via any service provider, and do it better than any e-mail package we've found.

In truth, a good bit of this is not directly attributable to Windows95. There is a companion program titled **Microsoft Plus for Windows95** widely available at about **\$39.95**. It includes some very fancy "master themes" that include wallpaper, sounds, etc. that are indeed interesting, a system agent to routinely run housekeeping programs on a schedule, an update to the disk compression utilities called **DriveSpace3**, and some visual enhancements that allow your task bars to slide smoothly away, etc. But it also includes a Dialup Network Server that allows your PC to answer calls from the road and connect your laptop. And most interestingly from our point of view is **Internet Plus**. This includes the **Internet Explorer**, a web browser that incorporates the best of Netscape's capabilities along with additional functions such as creating a shortcut on your desktop to a specific web location. It also includes an Internet driver for **Microsoft Exchange**. This allows you to use the Microsoft Exchange e-mail program with any POP3 mailer through any Internet service provider. Finally, it includes a **Dial-Up Scripting Tool** that you will need to completely automate your connection in the event your Internet Service Provider does not support the automated logon included in Windows95. The **Plus** option is very necessary for Internauts not inclined to use the Microsoft Network. Since it requires a 486 or Pentium, we would expect at least part of the reason it was not included in the operating system is Microsoft's desire to at least claim that Windows 95 will work with a 386 - a dubious claim at best.

Between the e-mail capabilities of Microsoft Exchange, and the web browsing capabilities of Internet Explorer, coupled with the basic TCP/IP connection, Microsoft has provided essentially all the basics you need to work usefully on the

Internet - in the operating system. Within a week, Microsoft Exchange has replaced our favorite free desktop e-mail package, E-Mail Connection (<http://www.connectsoft.com>). And while we remain terribly enamored of **Netscape** as a web browser, Internet Explorer does provide basic web surfing capabilities. In the past, communications was the least functional element of any Microsoft operating system. In Windows95, the TCP/IP, e-mail, and web browser included appears to lead the field.

Plaudits and praise in general terms are encouraging and I'm sure - fun to read. But in this article, we are going to walk you through the installation, configuration, and operation of a dial-up, 28.8 kbps PPP link to any Internet service provider. And we're going to devote quite a bit of space to configuring Microsoft Exchange to do electronic mail - complete with fonts, colors, bold text, and photos, over the Internet. Internet Service Providers, BBS operators, and others in the industry are going to have to explain this to their callers, and getting it correctly configured is, unfortunately, non-trivial.

ASSUMPTIONS:

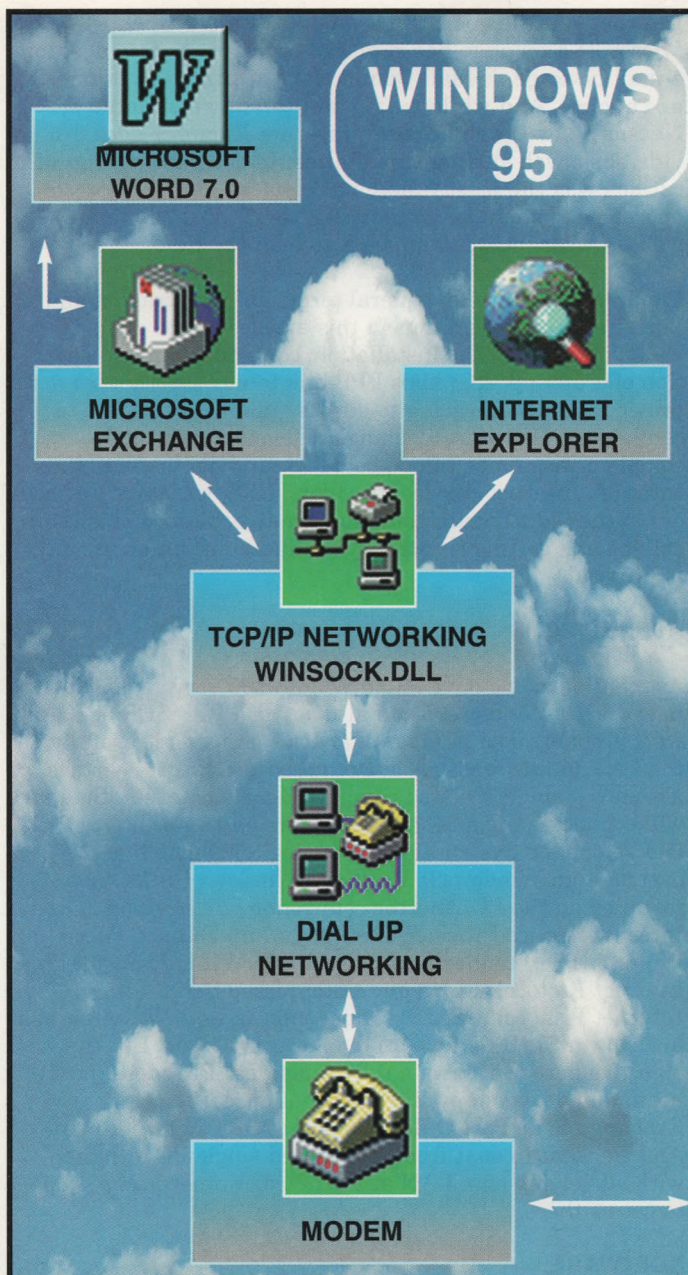
As mentioned, we have found Windows95 very capable at networking. Windows95 can also act as a PPP SERVER. And we'll probably do a number of articles on using it usefully on the LAN in future issues of **Boardwatch**. But this article assumes a single isolated computer, at a single site, that we will connect using a 28.8 kbps modem and an ordinary Plain Old Telephone System (POTS) analog telephone line. We assume that Windows95 itself and Windows PLUS have installed on the PC. And the connection will be to an Internet Service Provider offering dial-up Point-to-Point-Protocol (PPP) connections. Windows95 WILL do Serial Line Internet Protocol (SLIP) and Compressed Serial Line Internet Protocol (CSLIP) connections as well. We will probably show a SLIP configuration in a future issue. But the objective here is to have a fully functional PPP dial-up connection to do web browsing, and configure Microsoft Exchange to do Post Office Protocol (POP3) Internet mail. And we want to do it from an isolated single PC or laptop without relying on a LAN at the office or other group grope to get us there.

SOFTWARE:

We do assume you have Windows95 of course. We like the CD-ROM version as not only installation, but even configuration changes require frequent trips to the distribution disks to perform. Bill Gates has finally devised the ultimate anti-piracy package for software. Without the CD-ROM, you are effectively disenfranchised from your machine. And it is such a win over keeping track of 27 floppies that it seems painless. It is widely available at **\$89**. We also assume you have the Windows95 Plus bonus package. This is a second CD-ROM priced at about **\$39** that includes the Internet Explorer and a script processor you will most likely need to make the connection.

HARDWARE:

We assume installation on an Intel PC meeting the Windows95 minimums and a modem. The 28.8 kbps models are no longer expensive and for web exploring, almost a minimum. The World Wide Web at 14.4 kbps is not a pretty thing to contemplate. But it can be done. For e-mail, the 14.4 kbps models work fine.



SERVICES:

1. Standard analog telephone line service.
2. A dialup PPP account with an Internet Service Provider and Post Office Protocol (POP3) e-mail service - virtually universal with a PPP account.

You will need the following information from your Internet Service Provider:

PPP CONNECTION

A. Your login name and password for the PPP account.

B. Domain Name Server. Your computer must query the domain name service database to look up the actual IP numbers of services you access. This is what allows you to connect to **boardwatch.com** instead of having to know **204.144.169.1**. You need the name of the domain name server provided by your Internet Service Provider. Ours, for example, is simply **boardwatch.com**.

C. Dynamic IP allocation or permanently assigned IP numbers. To be "on" the Internet, however briefly, you do need an Internet Protocol Address. This is a numeric of the form **204.144.169.41**. You can get this number from your Internet Service Provider. However, most ISPs have gone to dynamic allocation of IP numbers. That is, each time you call, the machine that answers the telephone assigns you one on the fly and passes it to your system over the modem. This allows them to serve, for example, a thousand customers with just a couple of hundred IP numbers. Since not everyone is on at the same time in a dial-up world, it increases the efficiency of their use of IP numbers. Windows95 handles it either way. You just need to know if IP numbers are dynamically assigned, or permanently yours.

If you have a permanently assigned IP number, you need the following items:

1. **IP number assigned to your machine.**
2. **IP number of gateway machine.** This is the IP address of the host machine you will route packets to.
3. **Subnet mask.** A subnet mask points out to your computer what portion of the full IP number is pertinent. For dial-up accounts, this is almost always **255.255.255.0**. But ask anyway.

POP3

INTERNET SERVICE PROVIDER

POP 3 SERVER

SMTP SERVER

DNS SERVER

You will also need some basic information about your e-mail account in order to do Post Office Protocol Mail. This allows you to send and receive e-mail world wide with your Internet Service Provider acting as a receiving agent when you are not actually connected.

D. Your e-mail address. This is normally provided by your Internet Service Provider - something along the lines of **your.name@netcom.com**. This is the address your correspondents use to address mail to you from any where in the world.

E. The SMTP Server. When you SEND electronic mail, it is transmitted over your PPP link to a Simple Mail Transport Protocol (SMTP) server. Again, this is just the name of a machine maintained by your service provider. We just call ours **mail.boardwatch.com**.

F. The POP3 Server Machine. This is the name of the machine at your Internet Service Provider that performs the Post Office Protocol (POP3) mail service. It may be the same name as the SMTP server or a different one. Ours is again **mail.boardwatch.com**.

G. POP3 Login name and password. This could be the SAME as your PPP login name and password. Often it is DIFFERENT from your PPP login name and password. This allows you to make a single common PPP connection to your Internet Service Provider, and still allow several different people on your computer to have e-mail accounts on the provider. By providing a different POP3 login and password, they would only get the mail addressed to THEM, even though they were using a common dialup account.

THE BASIC PPP CONNECTION

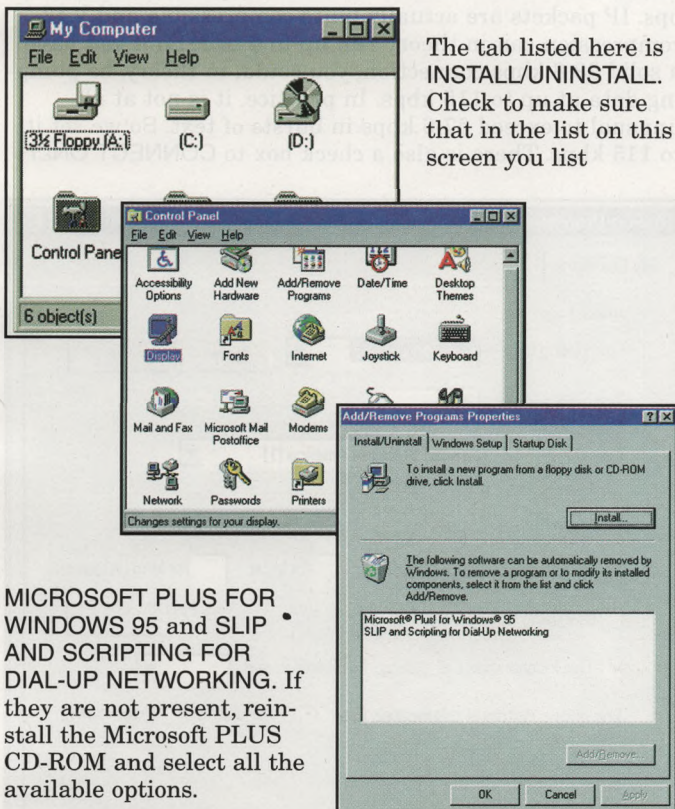
In order to setup a basic Point to Point Protocol dial-up connection to an Internet Service Provider, there are several things we must configure in Windows 95.

1. Check Windows 95 setup to make sure you have installed the necessary components
2. Install/configure the Modem
3. Set up Network Parameters with a Client, Adapter, and Protocol
4. Set up the Dial-Up Connection
5. Test and possibly script your connection to automate the process

WINDOWS 95 SETUP

We do assume you have installed a working version of Windows 95 on your computer AND installed the Microsoft PLUS for Windows95 option disk. But there are many options in the installation, and there are a couple of things we are going to need to accomplish this connection. Fortunately, it is very easy to go back and add things to your Win95 installation.

1. Put the Windows95 CD-ROM in your CD-ROM drive
2. Click on MY COMPUTER
3. Click on CONTROL PANEL
4. Click on ADD/REMOVE PROGRAMS



Once you are sure Microsoft PLUS is installed, click on the WINDOWS SETUP tab. This presents a series of software categories such as ACCESSORIES, MICROSOFT NETWORK, etc. You can highlight any of these categories and examine what specific programs within that category are marked

with a checkbox for installation using the DETAILS button. We are interested in just a couple of these.

The first is COMMUNICATIONS. This category lists:

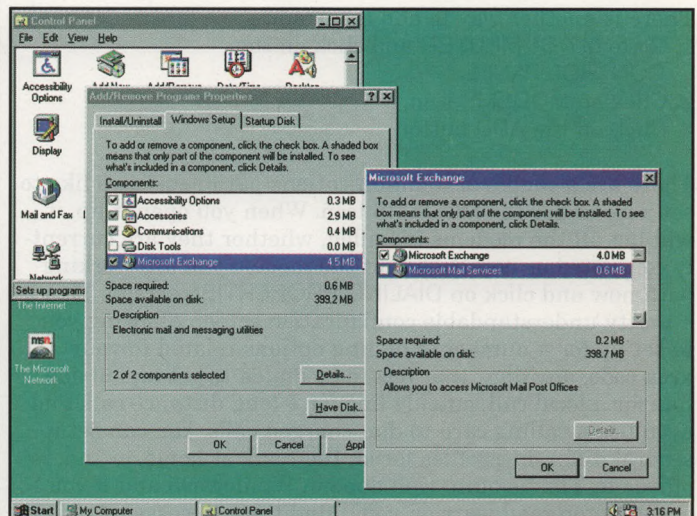
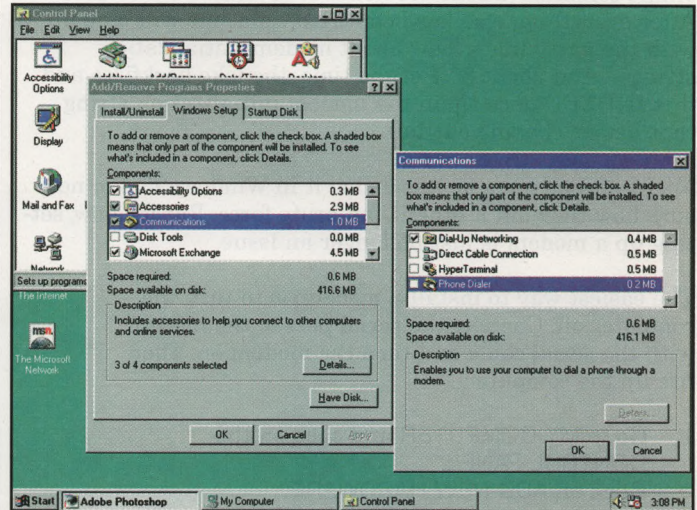
DIAL-UP NETWORKING

DIRECT CABLE CONNECTION

HYPERTERMINAL

PHONE DIALER

Install all you like, but the one we have to have here is DIAL-UP NETWORKING.



Another category is MICROSOFT EXCHANGE. This category only has two possibilities, MICROSOFT EXCHANGE and MICROSOFT MAIL SERVICES. We need MICROSOFT EXCHANGE.

From there you can pretty much follow the Wizard using the NEXT key to install these additional items. If they were already checked, you have all you need.

IN THE BEGINNING - INSTALLING YOUR MODEM

For many years, the bane of PC communications has been the act of installing and configuring the modem itself. This is where start bits, stop bits, number of data bits, and worst of all, modem initialization strings, have made it nigh onto impossible for a large percentage of our population to ever go online. It is actually too techie even for technoids. Over and over and over again, we have gone through everything in a system or process, to one more time once again over learn that modem initialization strings are the heart of all online communications problems. It is almost a joke here. After everything else has been tried, someone will pipe up with the party line - "how about modem initialization strings." And about 80% of the time, the joke backfires and it is INDEED once again the modem initialization string that has us chasing our tail.

Microsoft has more or less ended it in Windows95. I'm not sure how they did it other than brute force. But for now, setting up a modem is just no longer an issue.

The easiest way to install a modem, is to turn the computer off. Connect the serial port to the modem with the serial cable and turn the modem on. Then fire up the computer.

1. Go to MY COMPUTER and click on the CONTROL PANEL.
2. Click on ADD NEW HARDWARE.

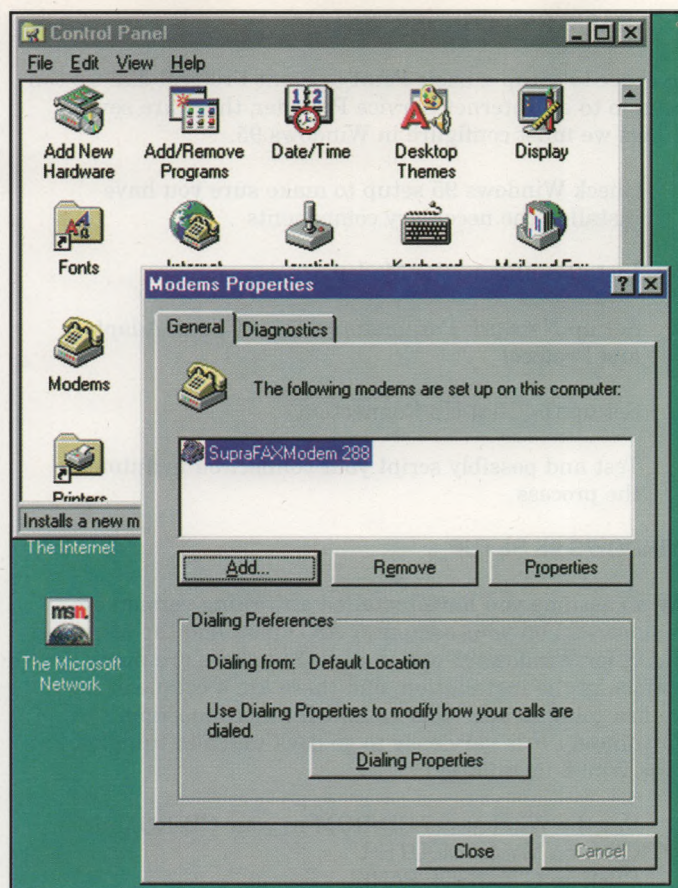
Windows95 will walk you through the process with an Installation wizard. We tested a dozen different brands and models, and it correctly configured them 100% of the time if we did nothing but click on NEXT at every opportunity and accepted the defaults. You DO need the Windows95 upgrade CD-ROM in the CD-ROM drive when you do this as the wizard accesses the CD-ROM to get modem configurations.

There is another way to add a modem.

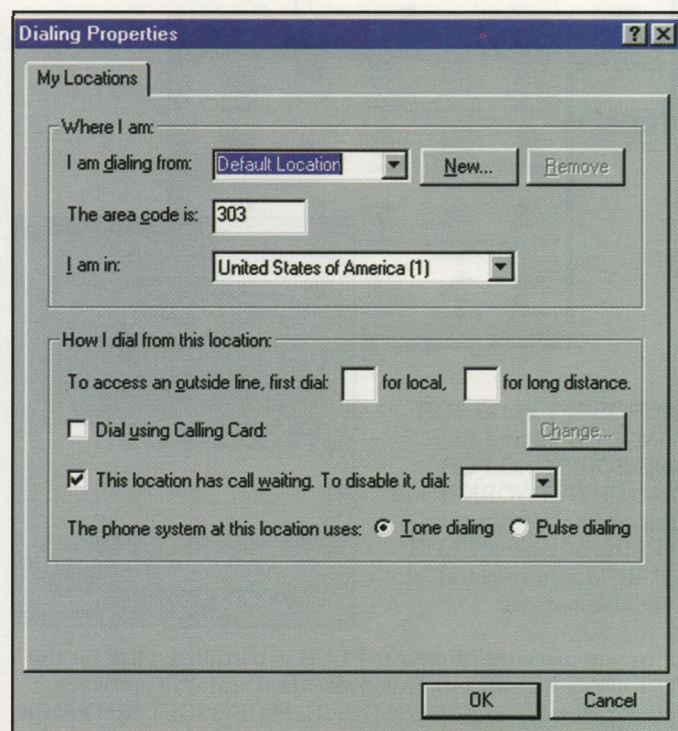
1. Go to MY COMPUTER and click on the CONTROL PANEL.
2. Click on MODEMS icon.
3. Click on the ADD button.

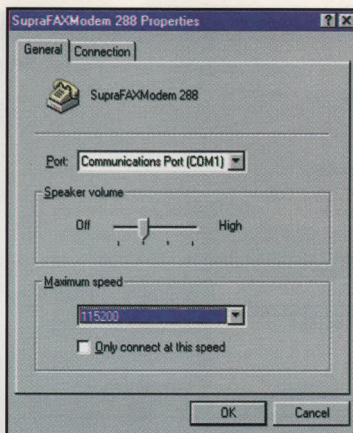
There are a couple of communications parameters we like to set here under the MODEMS icon. When you open it up, it will list all the modems installed, whether they are currently connected or not. Highlight the modem you are working with now and click on DIALING PROPERTIES screen. This is a pretty understandable configuration screen allowing you to set up for a number of dialing options related to your area code, any digit that has to be dialed to get an outside line for a local call, outside line for a long distance call, and even use a calling card to dial charged calls. You can setup several different profiles for on the road, at home, at the office etc. This is quite well done in Windows95 and if you are a laptop road warrior, you'll find them necessary.

The other PROPERTIES button on the modem screen allows the setting of a number of more technical options. The default connection speed Windows95 usually puts in here is 57,600 bits-per-second (bps). This is actually NOT modem speed, but the speed of communications between the modem and your computer via the serial cable and serial port in the PC itself. Virtually all V.34 28.8 kbps



modems can communicate with the computer at 115,000 bps. IP packets are actually quite compressible and V.42 compression can in theory run up to 4 to 1. So if you have a solid 28.8 kbps connection, you could, in theory, be pumping data at up to 115 kbps. In practice, it is not at all unusual to exceed 57.6 kbps in bursts of text. So we set it to 115 kbps. There is also a check box to CONNECT ONLY

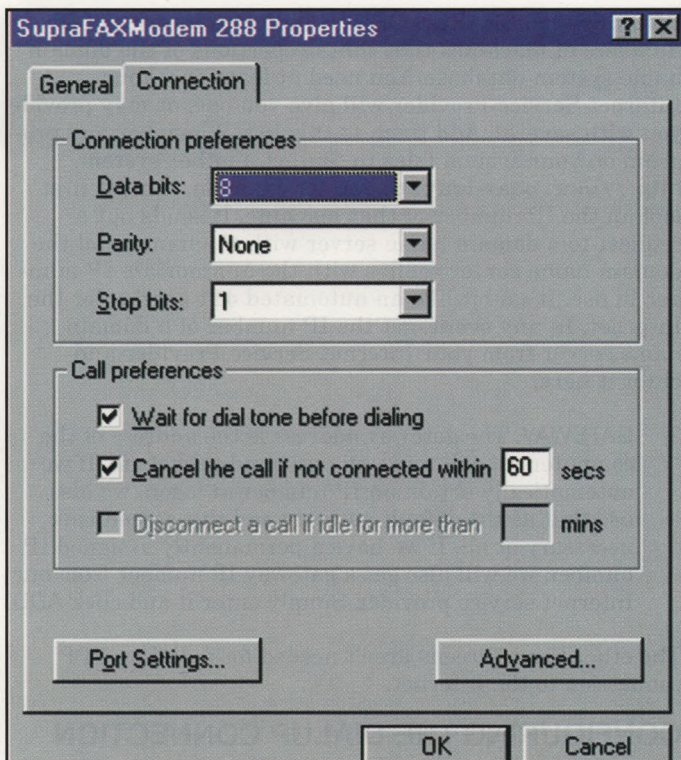




AT THIS SPEED. We do not normally check this box - leave it clear. If your modem only talks at 57.6 kbps for example, the modem and PC will work the highest mutually agreeable communications speed if you don't insist that it connect at 115 kbps.

If you click the CONNECTION tab, you have several options.

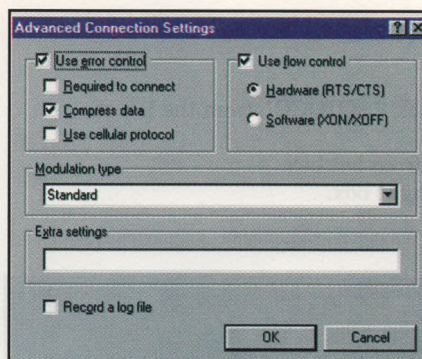
1. DATA BITS set to 8
2. PARITY set to NONE
3. STOP BITS set to 1
4. WAIT FOR DIAL TONE BEFORE DIALING active.
5. CANCEL IF CALL NOT CONNECTED WITHIN 60 SECONDS active.
6. Click ADVANCED button
7. USE ERROR CONTROL active
8. COMPRESS DATA active.
9. USE FLOW CONTROL active
10. HARDWARE (CTS/RTS) active
11. All other options cleared.



This is usually how it will be set up by Windows95, but you might want to go through these checks.

CONFIGURING THE NETWORK

The next function we need to perform is to set up our network functions. From the desktop, click on MY COMPUTER, then CONTROL PANEL, and within control panel, click on NETWORK.



This brings up a configuration box with three tabbed items:

CONFIGURATION IDENTIFICATION ACCESS CONTROL

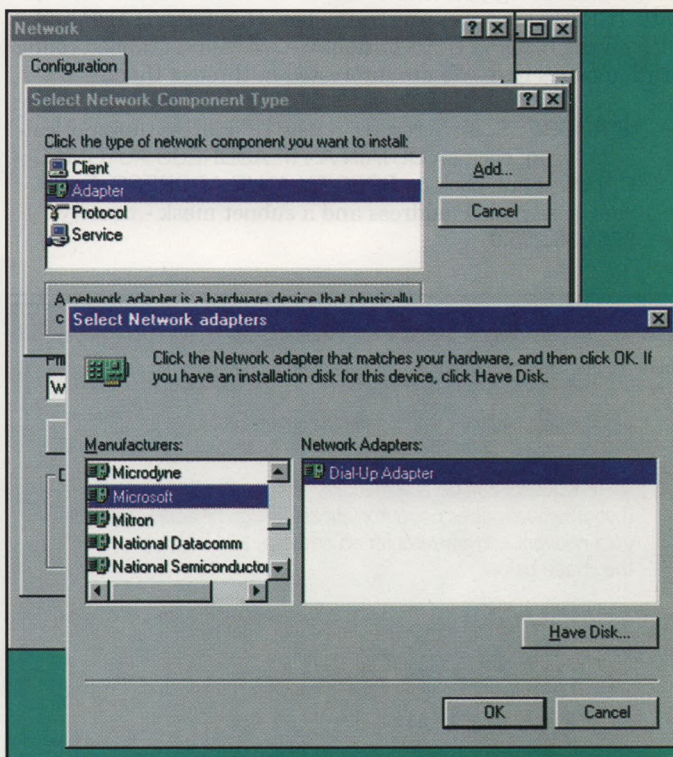
The ACCESS CONTROL tab is used to establish what resources we share under a Microsoft Network. We won't

have one so ignore it.

IDENTIFICATION sports three fields, one for COMPUTER NAME, WORKGROUP, and COMPUTER DESCRIPTION. You can enter anything you like, they seem to be required, but again are for logging on to Novell or Microsoft networks.

The main tab we have to deal with is CONFIGURATION. We want to add a couple of items to this - a dial-up adapter and the TCP/IP protocol.

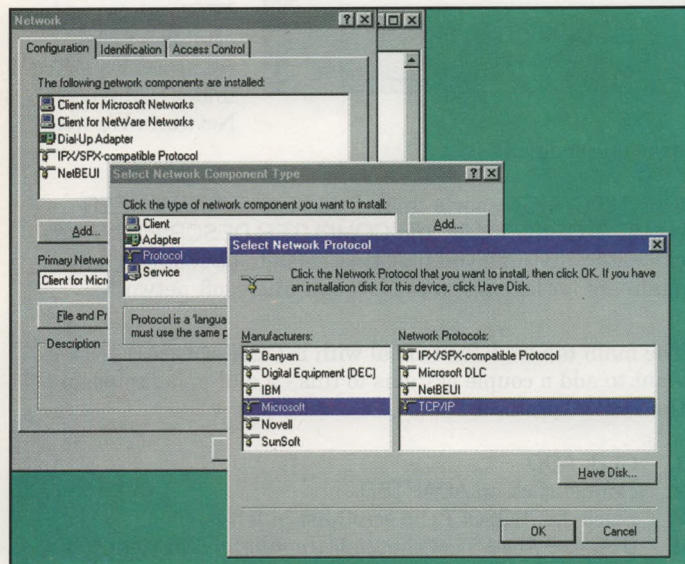
1. Click ADD.
2. Double click on ADAPTER.
3. Select MICROSOFT the scroll list in left box.
4. DIAL-UP ADAPTER should be highlighted in right hand box.
5. Click OK.



This should add several items to our CONFIGURATION list. At a minimum, we want the DIAL-UP ADAPTER. You may also get clients for Microsoft Networks, Netware Networks, NetBEUI, and IPX/SPX protocols. We DO need a client of some sort to automate our logon, but we are not going to cover Novell or Microsoft Networks here.

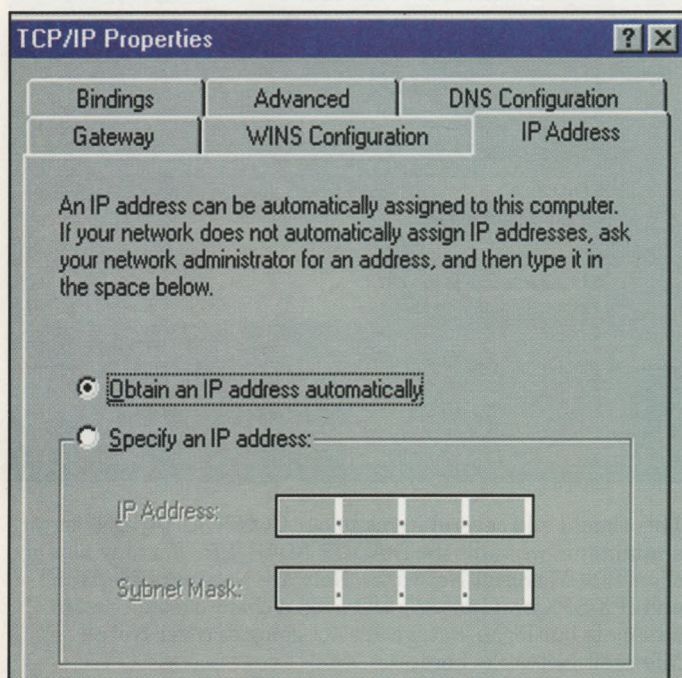
We also need to add a protocol. In this case TCP/IP.

1. Click ADD.
2. Select and double click PROTOCOL from the list of options.
3. Select MICROSOFT from left box.
4. Select TCP/IP from right box.
5. Click OK.

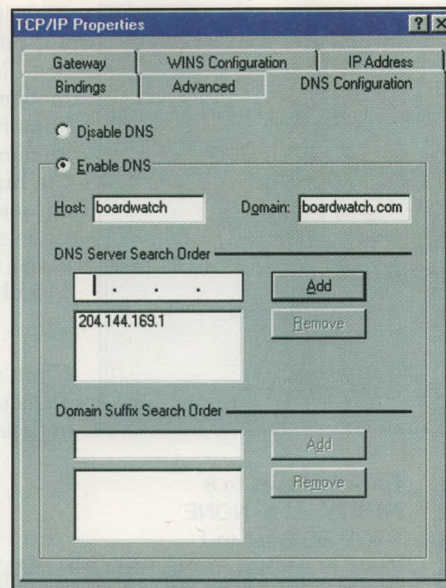


This should bring you back to the CONFIGURATION window, with TCP/IP now appearing in the box. Highlight TCP/IP and click on the PROPERTIES button. We will see six tabbed configuration pages here. We are interested in three of them.

1. IP ADDRESS. If we receive a new IP address automatically at logon, click on OBTAIN AN IP ADDRESS AUTOMATICALLY. If not, click on SPECIFY AN IP ADDRESS. Enter your assigned IP address and a subnet mask - usually 255.255.255.0.



2. DNS CONFIGURATION. This screen asks for a HOST, a DOMAIN, and then a DNS SERVER SEARCH ORDER. None too confusing here. First, click ENABLE DNS.



HOST is the name of your machine. You are basically associating a name with the IP number of your own machine. Let's call ours LAPTOP.

DOMAIN is the fully qualified domain name of the system you are dialing into. Ours is BOARDWATCH.COM. Again, from your service provider. Between these two fields, we have basically created a new domain name, LAPTOP.BOARDWATCH.COM which is associated with the IP number we receive at logon.

DNS SERVER SEARCH ORDER indicates a series of IP numbers of machines that contain portions of the domain name system database. You need at least one. Your Internet Service Provider will give you one, or may provide you with several. Add them to this list. Whenever any program on your system tries to contact another system, <http://www.boardwatch.com> for example, it must first lookup the IP number of that machine. It sends out a request to a domain name server with the name, and the domain name server replies with the appropriate IP number to use. It's a bit like an automated 411 service for the Internet. In any event, get the IP number of a domain name server from your Internet Service Provider and enter it here.

3. GATEWAY. The gateway address is the address of the computer we will route all outbound packets to. If we automatically obtain an IP number at logon, we also use that as the default gateway and this screen isn't necessary at all. If we have a permanently assigned IP number, we will also get a gateway IP number from our Internet service provider. Simply enter it and click ADD.

The other three screens aren't needed for a dial-up PPP connection to the Internet.

CONFIGURING THE DIALUP CONNECTION

At this point, we've checked our Windows95 basic installation, installed a modem, and configured a TCP/IP network connection using a dial-up adapter. But we haven't really specified any details about the dial-up adapter. We will do this, and a LOT of the functions, particularly the TCP/IP protocol selections, will seem very redundant with our Networking setup. That's a bit by design. We need to have very similar, and in most cases matching selections here. This is because the networking configuration is a bit wider. It can use multiple adapters, LANS, other dial-up connec-

tions etc. and even use multiple protocols etc. In configuring the dial-up connection, we are specifying parameters for ONE of what could be many types of connections we might use as a network. The parameters we enter here are indeed very interrelated with the settings in the network area.

From the desktop, we start with MY COMPUTER again. But rather than selecting Control Panel, you should see a DIALUP NETWORKING icon. Click on it.

This should call up a small program group window with one icon in it - MAKE NEW CONNECTION. This is a setup wizard to create new dial-up connections. Note that we can have any number of these - one for each ISP or system we want to connect to. We might have one for a Microsoft Windows connection to our office computer, and a second one for our Internet Service Provider to do TCP/IP. Here, we are going to configure a single dial-up connection for TCP/IP to an Internet service provider.

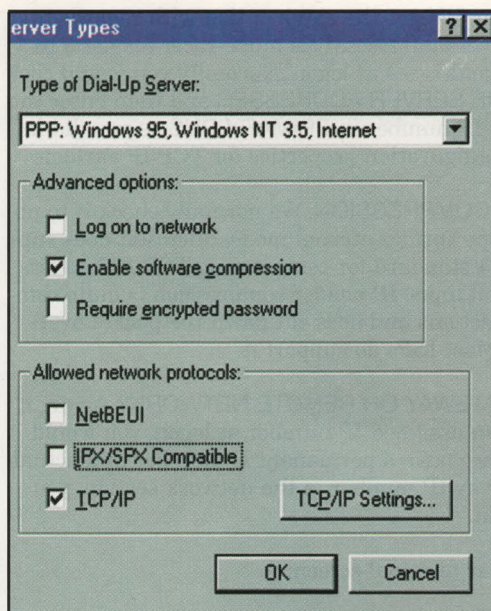
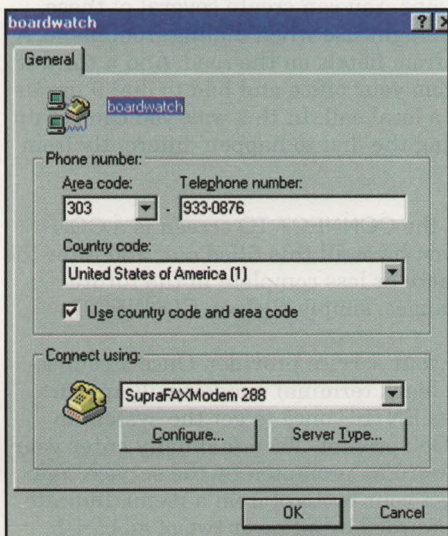
Click on the MAKE NEW CONNECTION. It will call up the first screen of the configuration and you will be asked to enter a name for the computer you are dialing. Actually, this can be anything descriptive. It will be shown as text below the new icon created with this connection and the objective is to differentiate it from any others you might make. We entered BOARDWATCH since we are going to be dialing our PPP server at the office.

There is also a scrolling selection window to SELECT A MODEM. This window will list any modems you configured in the earlier modem configuration process. There is also a CONFIGURE button if you want to go to the modem configuration area, but it should be pretty well set up at this point. Click on NEXT.

This should bring up a fairly simple screen where you enter the area code, international country code (actually the country) and the telephone number of the system you will be dialing. There is a FINISH button when you complete this. And that's the end of the help you get from the "wizard." You're not quite done actually.

The wizard creates an icon in the DIAL-UP NETWORKING group with the name you gave it. There are some additional

configuration elements however. Highlight the icon with a single click. Then go to the FILE area on the title bar for the group, and select PROPERTIES from that. This should display a configuration screen with the phone number and modem selection you just entered. There is a SERVER TYPE button as well. Click on that.



This leads to a SERVER TYPES screen. The first item is a scrolling pick list from which you must select. The item desired in this case is PPP: WINDOWS95, WINDOWS NT 3.5, INTERNET. This is the basic Point-to-Point-Protocol supported by most

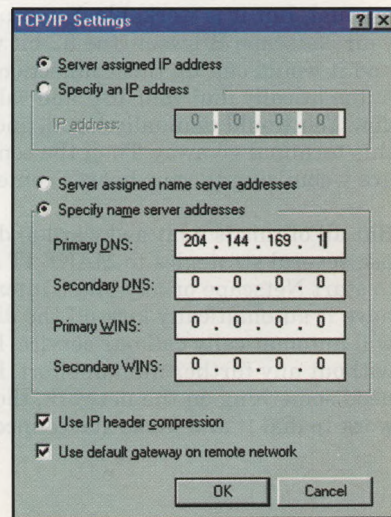
Internet Service Providers, and as noted, by Windows95 and Windows NT Version 3.5.

Under ADVANCED OPTIONS, you can select by checkbox LOGON TO NETWORK, ENABLE SOFTWARE COMPRESSION, and REQUIRE ENCRYPTED PASSWORD. We are going to clear the box next to LOGON TO NETWORK. We would check this if we were attempting to logon to a Microsoft Network or a Novell Network. Since we are doing a basic PPP, checking it would only slow things down a bit during logon, to no other ill effect. It does not relate to your PPP Logon. ENABLE SOFTWARE COMPRESSION we check to enable. This causes your computer to compress data before sending it IF the other system supports the same compression scheme. Hope springs eternal. And we normally clear REQUIRE ENCRYPTED PASSWORD. This provides another layer of security, but is not likely supported by your ISP.

Under ALLOWED NETWORK PROTOCOLS, we see NetBEUI, IPX/SPX COMPATIBLE, and TCP/IP listed. We will check ONLY the TCP/IP box.

Note that there is also a button labeled TCP/IP SETTINGS. Click on this button and call up the TCP/IP SETTINGS screen. This will look very redundant with the networking properties for TCP/IP and, in fact, we want to strive for some consistency here with what we entered in the Networking configuration properties for the TCP/IP protocol.

Again, the big question is do we have an assigned IP number from our ISP, or will it be automatically passed to us when we log on? Click the appropriate button and if the former, enter the assigned IP number. But here Microsoft



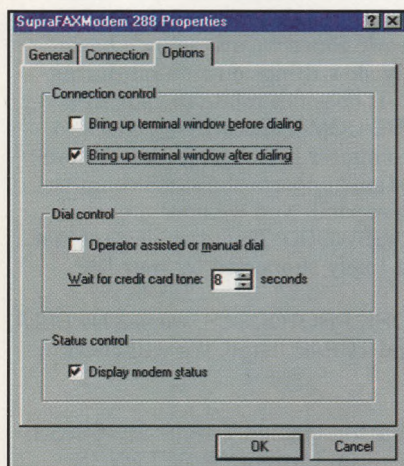
throws us a ringer. We get the same option with regards to domain name server addresses. It is much rarer for ISP's to pass DNS server addresses at logon. Normally you would click on SPECIFY NAME SERVER ADDRESSES and then enter the same DNS server IP number in PRIMARY DNS as you did in the networking configuration properties for TCP/IP earlier.

USE IP HEADER COMPRESSION. We normally check it to no ill effect in the hope springs eternal mode. Microsoft does support the RFC 1144 standard for compressing TCP/IP headers for low-speed serial links. IP header compression is quite common in PPP connections and does cut down the packet overhead somewhat. Most ISPs do support it.

USE DEFAULT GATEWAY ON REMOTE NETWORK? Again, if we normally get an assigned IP number at logon, you would check this box. If we have a permanent IP number and actually entered a gateway IP number in the network section, you can leave this clear.

Now let's set up our terminal screen:

1. Click the OK button on the TCP/IP SETTINGS screen.
2. Click OK again on the SERVER TYPES screen.
3. Click CONFIGURE on the GENERAL screen.
4. Click OPTIONS.
5. Check box BRING UP TERMINAL WINDOW AFTER DIALING.
6. Click OK.



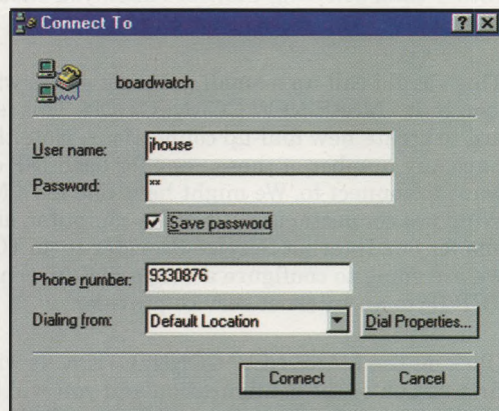
our now working connection. This gets to be gruesomely manual. But it is workable. You could conceivably click on your Netscape Browser (the 32-bit version 1.2N or later) and it would call up this connection. The connection would automatically dial your ISP and call up the terminal window. You would manually logon, and then manually make this terminal go away. Then the connection shrinks and you are webulizing to your heart's content.

But all of this is a bit awkward and kludgy. We are going to use several strategies to MAKE IT ALL GO AWAY. We want to start Netscape or any other Internet application, and have it automatically kick off the dial-up connection which will automatically call our service, logon, and shrink itself, without any further human effort. In this way, when you need something on the network, the computer does all the work to dial it and make the connection.

TESTING THE CONNECTION AND DEVELOPING A SCRIPT

We are ready to manually test our connection and see if we are making the trip with regards to a TCP/IP connection to the Internet. If we are, we are going to see what we can get away with in regards to automating the process of making that connection.

To kick off a connection, simply double click on the icon for that connection. This will bring up a CONNECT TO screen with several options on it.



The first is **USER NAME** and the second is **PASSWORD**. There is also a **SAVE PASSWORD** check box. Since we are going to logon manually, this again seems redundant. But in either of our automatic logon schemes, we need these. So enter the login name provided by your Internet Service Provider for your PPP account in **USER NAME** and the associated password in **PASSWORD** and DO check the **SAVE PASSWORD** box.

Note that this user name has **NOTHING TO DO** with any other user name or password you use in Windows95. It can be completely different from what you use to logon to your computer if you use a password to logon when you first start your computer.

There is also a **PHONE NUMBER** box that will display the number that will actually be dialed. You entered a number during the dialup connection configuration. But this can be modified by your **DIALING FROM** profile. This indicator has an associated scroll box where you can pick where you are dialing from. And the associated **DIALING PROPERTIES** button calls up a whole screen where you can enter options for long distance dialing, prefixes to get an outside line, and even calling card options. You can create several of these. One for example, you might use when dialing from home. A second when dialing from hotels on the road. And a third if you wanted to dial from your office and had to dial 9 for an outside line, even on a local call. In this way, you can set up several profiles causing the dial to happen differently from each location.

And at the bottom of the **CONNECT TO** screen is a **CONNECT** button. Once you have all this filled out, and after the first time it will be more or less complete in the future except for desired changes, simply click on **CONNECT**.

The modem will dial your service provider. Once a connection is made, a small black terminal window will appear. You may need to press **ENTER** once to get the system to respond with a **LOGON:** prompt. Then manually enter your login name and password as prompted by the service. You may also have to select your protocol from a menu. Indicate **PPP**. You should be rewarded by a line or two of gibberish.

This is actually what success looks like. Press F7 to make the terminal screen go away. You should briefly see a small advisory screen indicating that your logon name and password are being verified, followed by a small box indicating that you are connected and at what speed.

At this point, we think we have a connection. But let's do a couple of simple tests to see. Windows95 comes complete with some very basic programs that operate from the MS/DOS command line. Click on START on the task bar, and then PROGRAMS, and then MS/DOS Command Line. This should give you a small, rather dark box with the familiar C:> prompt. Several utility programs are available from the prompt.

The most basic check is to enter PING and a domain name - of anyone. PING BOARDWATCH.COM would work. PING simply sends a message to BOARDWATCH.COM and Boardwatch would echo it back - a bit like the sonar ping from old grade B submarine movies. This will tell you that you have a connection to the Internet, can talk, and can be heard, and can receive replies. PING uses the Internet Control Message Protocol (ICMP).

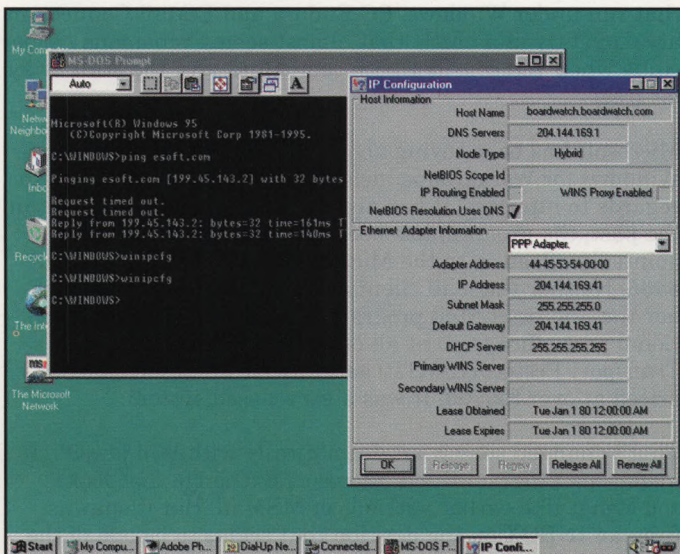
TRACERT is the command for TRACE ROUTE. If you TRACERT BOARDWATCH.COM, it will list out every machine or router between your location and the Boardwatch server. Again, you can tracert anyone.

FTP and TELNET are command line versions of the familiar UNIX programs for file transfer protocol and for remote login, respectively.

NETSTAT will show you a list of currently active connections from your machine. Since we don't have anything else running, it won't be very productive.

But Microsoft has included a fascinating diagnostic tool in WINIPCFG. If you type this command at the DOS prompt, it calls up an IP CONFIGURATION box listing all sorts of information - your host name, DNS servers, type of connection, IP address, subnet mask, default gateway, etc.

In this way, we can detect that we have successfully dialed our host, made the connection, and that it is effective. We could now successfully use any WINSOCK application over the network.



AUTOMATING THE PROCESS

But that's only fun for awhile. We want the computer to do it for us. And so we need to script the calling process in some fashion that eliminates all the manual entry of things.

Our first step is a shot in the dark at this point. Since the operating system did take our login name and password, it should be able to just dialup and make the connection and enter that login name and password. Actually there IS a defined standard procedure for logging on to PPP accounts. RFC 1334 describes PPP authentication protocols including the Password Authorization Protocol (PAP) and Challenge-Handshake Authentication Protocol (CHAP). PAP is pretty basic with the calling system simply transmitting its login name and password repeatedly until it receives authentication from the server. CHAP works a bit differently, with the server issuing a challenge message to the caller. The calling system calculates a "one way hash" value from a secret password and responds with it. The server compares this value with its own calculated value. The secret code or password is never actually transmitted at all and so provides a more secure logon procedure than PAP. Microsoft did incorporate PAP and CHAP into their PPP protocol. Many, but not all, Internet Service Providers use software that incorporates CHAP and PAP. So it might easily be the case that you can establish a secure logon with password using Windows95 without any script at all. More information on CHAP and PAP is available in RFC 1334 at <http://www.pmg.lcs.mit.edu/rfc.html>. This is one of the best searchable indexes of Request For Comments (RFC) documents we've found.

It is easy to see if your provider supports PAP. We'll simply turn off the terminal screen. From the desktop:

1. Click MY COMPUTER.
2. Click DIAL-UP NETWORKING.
3. Highlight the connection you created.
4. Click FILE from the title bar.
5. Click PROPERTIES.
6. From the GENERAL screen, click on CONFIGURE.
7. Click OPTIONS.
8. Clear the BRING UP TERMINAL SCREEN AFTER DIALING checkbox.
9. Click OK.

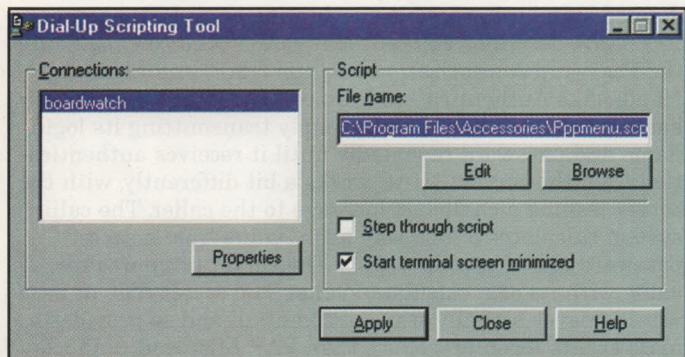
Now double click on the connection icon. Your logon name and password and dialing-from information should all be displayed the same as before. Finally click the CONNECT button on this CONNECT TO screen, just as before.

This time, the dialing advisory should pop up, no terminal screen will appear, and then the connection advisory should appear indicating the logon and password process - followed by your connection speed. Repeat your PING or TRACERT tests. If it all works, your ISP does support PAP and your connection is already automated.

If anything else happens, like failure, they probably don't. In this case, we need to do something very ugly - write a script. Logon scripts are nothing new in the online community. But they do get a bit technical. We found no way to associate a script with a dial-up connection without using a Dial-Up Scripting Tool provided with the Microsoft PLUS CD-ROM. This tool is added to your accessories menu. To access it:

1. Click the START button on your task bar
2. Point to ACCESSORIES
3. Click the DIAL-UP SCRIPTING TOOL.

This calls up a small screen that lists connections in a box on the left, and a file name box. If you click on BROWSE, you should quickly find a series of script files. Among them is PPPMENU.SCP. It is usually located in C:\PROGRAM FILES\ACCESSORIES\PPPMENU.SCP.



Finally, click on APPLY and that script is applied or associated with the dial-up connection highlighted in the box on the left.

Often, you can simply run this script. Internet Service Providers are pretty similar in what they prompt on the dial-up screen. The script takes the logon name and password you entered on your CONNECT TO screen, that is IF you also checked the SAVE PASSWORD box. And it tries to make the connection.

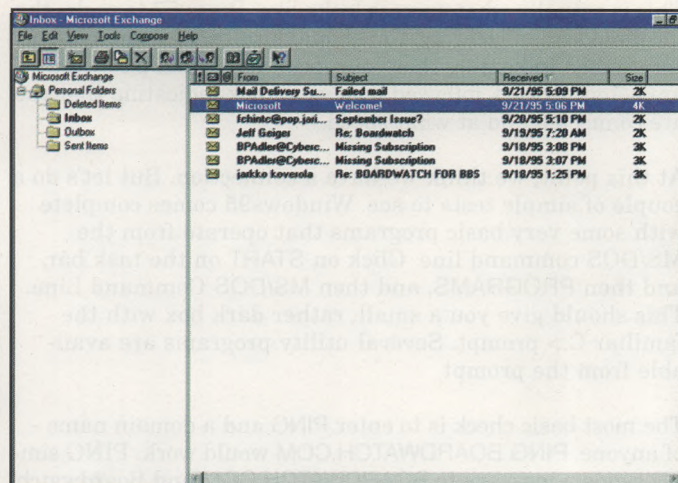
If it fails, there is an EDIT function on the DIAL-UP SCRIPTING TOOL panel you can use to edit this script. Actually, you can use Notepad or WordPad or any editor to edit the script. And there is some documentation on the script language in Microsoft Word file titled SCRIPT.DOC in C:\PROGRAM FILES\PLUS! Directory.

Note that Windows95 sold over a million copies in the first four days of availability - a sales level not reached by Windows 3.1 until it had been on the market for 50 days. It is not likely that your ISP is unaware of this. They probably have a script already written for Windows95 to allow connection to their service if the standard PPP script doesn't work with their connection. Before spending the afternoon trying to write a script, you might check with them first. There is a collection of sample scripts available at <http://www.windows95.com/sampscrp.html>

The bottom line is that we were often told there was no way to script a PPP connection from Windows95. Not so. With the script language and the ability to associate scripts with dial-up networking connections, you should be able to automate any connection to any PPP account anywhere.

MICROSOFT EXCHANGE - E-MAIL PLUS

I have a thing about electronic mail. I suppose I should "get over it" with some 150 messages per day in the inbox but I never do. The web is very much in fashion these days, but I still think the highest role of the Internet, and its greatest service, was to break down the e-mail islands and form a common electronic backplane for e-mail services. I actually wrote an assembly language option module for eSoft's TBBS



bulletin board system package so it could exchange electronic mail with the Internet via the ancient Unix to Unix Copy Program (UUCP) g protocol via a dial-up account. I am assured I'm the only one on the planet that ever wrote UUCP g in assembly language.

But ultimately there are two aspects to electronic mail that have always been utopia for me. First, is that it be global - I want to send e-mail anywhere in the world, to anybody, at virtually no cost, and without a lot of figuring out where they are beyond having their address. Obviously this will never be achieved as it would require EVERYONE to have an e-mail box somewhere. But it's come a long way already. Who knows?

The second aspect is that I've always wanted it on MY computer. That CompuServe or Prodigy or a BBS, even my OWN BBS, has e-mail waiting for me is moderately interesting - just not to me. Until it is on my computer, I have to deal with the BBS interface, or the CompuServe interface, or something. I would prefer it to show up on my PC without human intervention, and maybe show a flag that I have some that needs attention. But until it is on my PC, it isn't really "mine."

We're making progress here as well. In the past year, we've moved strongly toward Internet connections and a combination of Simple Mail Transport Protocol (SMTP) and Post Office Protocol (POP3) services coupled with e-mail clients that run under Windows. PC Eudora and E-Mail Connection are currently in a battle that almost seems venomous - especially when you consider both companies give the stuff away for free.

Microsoft has been toying about with e-mail for some time. Windows for Workgroups included an e-mail program. With regards to interface, it has always been "pretty good." But in the past, the program has been terribly closed, and very pointedly a lead-in to the Microsoft Mail program at about \$495. Neither the mail clients in Windows for Workgroups, nor the Microsoft Mail program needed to really do a functional post office were at all open. The Simple Mail Transport Protocol (SMTP) gateway for Microsoft Mail was priced at over \$2,700. It was a very closed system.

That's changed somewhat dramatically with Windows95. It includes a program titled Microsoft Exchange that looks somewhat like earlier versions of MSMail. But it spawns from an INBOX on the desktop that seems to be one of the

major components of the desktop. It still seems to point to ownership of a Microsoft Exchange Mail Server that is yet to be released. But things have gotten much better in the "open" department. The Exchange Server is rumored to include both SMTP and X.400 gateways. But the Exchange client in Windows95 can also be used to send faxes directly out of the e-mail program, to do e-mail with the Microsoft Network, CompuServe, and with the Microsoft PLUS add-on CD - most pointedly with any Internet e-mail service.

The Internet Pack in Microsoft PLUS includes a driver for Post Office Protocol (POP3) mail services. In this way, you can quite capably use Microsoft Exchange for e-mail with ANY Internet Service Provider. We take it a step further. We have our own SMTP server on the office LAN, and it is actually easier to simply route ALL mail through the POP3 server than it is to determine who IS and who ISN'T local or global for e-mail. In this way, we can easily send a message across the room, or across the continent. As best we can tell, we don't lose a thing using this technique.

Microsoft Exchange can even be configured with "multiple profiles." This would allow you to have multiple users on the same machine - each with their own private e-mail box. You simply "login" to the Microsoft Exchange client when you first start it up each day, and get your own set of in/out folders, address book, and logon to the POP3 server. I've set up the kids at home with a single machine that uses a single dial-up PPP account to link to the PPP server at the office, but they each have their own separate e-mail accounts on the POP server here.

Another major plus of Microsoft Exchange is that you can both format mail using **Microsoft's Rich Text Format (RTF)**, and also send attachments in **Multi-Part Internet Mail Extension (MIME)** format. The MIME format is an RFC standard that incorporates attachments by encoding them in Base64 ASCII text so that binary files, graphics, spreadsheets, etc. can "tunnel" through the myriad types of connections across the Internet. Exchange allows you to include, attach, or embed using Object Linking and Embedding (OLE) almost any type of file. So you can not only have text that is of different fonts, sizes, bolding, underlined, colored, etc. in your message, but easily embed a scanned photo of yourself in the message, along with a Microsoft Excel spreadsheet for example.

When Exchange sends it out over the Internet, it normally strips all this stuff out. But if you are sending it to someone, anyone, anywhere, that you know also uses Microsoft Exchange, you can add them to your address book with their Internet address and check the ALWAYS SEND IN RICH TEXT FORMAT box in the address book. And with Exchange configured for MIME, it takes all the pieces, creates a MIME format message with all the graphics, spreadsheets, and RTF instructions in encoded text, and sends it out. When the recipient receives it, if they receive it with Exchange, it reconstructs all of it.

Exchange includes a full bevy of the standard niceties - spelling checker, full text search, folders, ability to print messages, and address book. But with the POP3 Internet connection and the RTF/OLE functions, it took over the Boardwatch offices in less than a week. (We're not really like a company here - everyone uses whatever e-mail program, operating system, and dress code they choose.) Some of the messages get gruesomely large. Add a couple of graphic images and by the time MIME converts every three

binary bytes to four ASCII text base64 characters, an e-mail message of 2 MB is common. As a result, I'm not sure all this SHOULD be done, but I'm pleased it CAN be.

We are going to describe a bit of configuration of Exchange. And since the first part of this article was on configuring a dial-up PPP connection, we will continue to assume a dial-up connection. But note that Exchange works superbly on a LAN as well. And even switching a laptop back and forth from logging on to the POP3 server via Ethernet TCP/IP or dial-up PPP is very easy.

INSTALLATION WIZARD

The FIRST time you access Microsoft Exchange, you will encounter an automated configuration process termed a "wizard." If you have all the information from your service provider, you can configure almost the entire setup using this wizard. We're going to step through it rather tersely in this description, because many will already have Exchange basically "installed" to access the fax features or the Microsoft Network. We'll revisit all of the configuration items in the manual configuration elements of the program a bit later.

There are actually three easily locatable access points we've found. The wizard is available when you start the program for the first time. A MAIL AND FAX icon on the Control Panel allows you the greatest access to all aspects of configuration. And the TOOLS menu on the e-mail program itself allows you to configure almost everything you need. We'll walk through the wizard, and then describe the TOOLS function in a bit of detail. The MAIL AND FAX icon will by then be very familiar looking.

1. To start the wizard, simply click on the INBOX icon on the desktop. You'll see a services box listing MICROSOFT FAX, INTERNET MAIL, and MICROSOFT NETWORK. For our purposes, we want to clear the fax and MSN checkboxes, and put a checkbox next to INTERNET MAIL. Then click NEXT. (If the wizard fails to come up, simply skip ahead. You can configure all of this from the program itself as well.)
2. This brings up a box offering a choice of connection to the mail server, by MODEM or NETWORK. Check MODEM and click NEXT.
3. You'll see a SELECT CONNECTION request with a scrollbox. Select the PPP connection you configured earlier in this article and click NEXT.
4. The next box asks you to SPECIFY IP ADDRESS OR DOMAIN NAME OF YOUR POP3 MAILSERVER. Either will do. This is a host system at your Internet Service Provider that acts as a POP3 mail server. Your ISP will give you this information in either or both formats. Ours was simply **mail.boardwatch.com**.
5. The next query is whether you want your mail processed OFFLINE or AUTOMATIC. We're using a dial-up modem connection here. If we were on a network, you would naturally want to receive any waiting mail as soon as you brought up the program. And whenever you wrote someone a message, you would want it to go out as quickly as possible. That is what AUTOMATIC

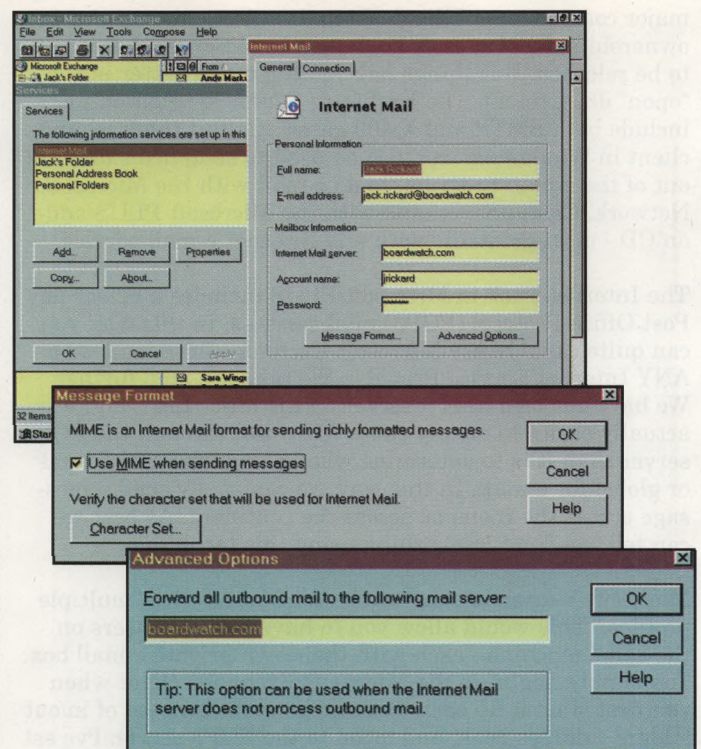
implies. But if you are on a dial-up modem connection, Exchange goes through the entire process quite automatically of dialing your ISP, logging on, delivering the messages, retrieving any waiting messages for you, and then immediately logs off the system and drops carrier. So if you select AUTOMATIC, it will go through all of this when you first bring the program up, and each time you write a message. It can be quite irritating. If you select OFFLINE, you can bring up the program, read/write e-mail, and all of your outbound goes into the OUT folder. Then, you click on DELIVER MAIL, and it makes one call, sends all waiting outbound mail and moves a copy of it into the SENT ITEMS folder, and retrieves any waiting mail in a single session. You only make the connection when you specifically want to by clicking on the DELIVER MAIL icon. So for now, select OFFLINE and click NEXT. You can always change it later if you just want to watch the modem dial a lot.

6. The next screen asks for your E-mail address and full name. This will be used in the FROM address field in your message headers so that those you send mail to will know who you are and can reply. Fill it out and click NEXT.
7. The next query screen asks for your mailbox name and password. This is your POP3 logon name and password assigned by your Internet Service Provider. Note that it may or may NOT be the same as the PPP logon and password. But it is the method the POP3 mail server uses to identify you uniquely and pass you your mail. If you want multiple family members to each have their own POP3 account, but access them all using the same PPP account, this is very doable. Just tell your ISP you need multiple POP accounts but you'll access them all from one PPP login.
8. The next two screens regard your personal address book and personal folders and they allow you to specify a path and filename for each. Take the defaults. It doesn't matter at this point unless you want to change the drive perhaps.
9. The next screen asks if you want to add INBOX to the STARTUP group. I don't. This will cause Microsoft Exchange to start up automatically whenever you fire up or reboot your computer. With Windows95, any time you change anything you have to restart the computer, so you'll be fighting your way out of Exchange about 30 times per day or so.
10. Click FINISH. We're almost entirely there.

ACCESSING MICROSOFT EXCHANGE

To start up the program at any time, simply click on the INBOX icon on the desktop. The program will initially come up in a form listing messages only. There should be one from Microsoft welcoming you to the wonderful world of e-mail. We like to see folders on the left and messages on the right so we can move messages freely between folders. So click on VIEW and put a checkbox next to FOLDERS to change the basic screen.

The menu bar sports a TOOLS function that holds most of the configuration power of Exchange. Click TOOLS and select SERVICES. Double click on INTERNET to configure.



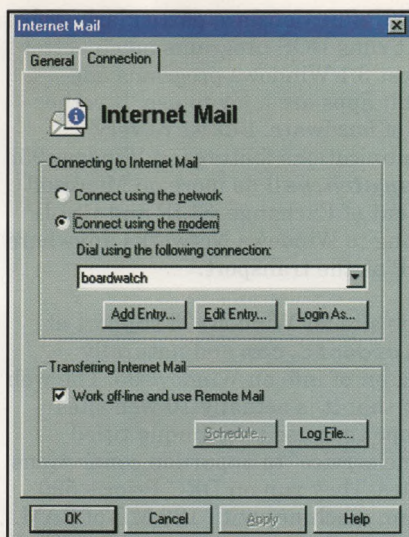
This screen holds much of the account information filled in during the installation wizard including your full name as you want it to appear in your outbound messages, your e-mail address, the domain name or IP number of the POP3 server in INTERNET MAIL SERVER, your POP3 logon name in ACCOUNT NAME, and the access password for your POP3 account in PASSWORD.

Note there is also a MESSAGE FORMAT button. Click this to get the MESSAGE FORMAT box. This box has a single checkbox for USE MIME WHEN SENDING MESSAGES. We clear this box so that the default is to use UUENCODE instead of MIME when sending messages. We'll talk more about this in a moment.

Note there is also a CHARACTER SET button. This allows you to select between ISO 8859-1, Norwegian, Swedish, and US ASCII. We generally use US ASCII.

There is also an ADVANCED OPTIONS button. This function allows you to enter a domain name for the SMTP mail forwarder. Usually, this isn't necessary. The POP3 server and SMTP mail server are often the same machine. But at times they are not. When you SEND electronic mail, it goes directly to an SMTP forwarder which in turn delivers the mail to the destination. The POP3 server, by contrast, receives mail for you 24 hours per day whether you are connected or not. If your SMTP mail forwarder is different, you can specify it on this screen. Otherwise, it is assumed to be the same as the POP3 server.

At the top of this configuration box, there is a CONNECTIONS tab. Click on this to access config info about your connection. Here you can specify whether you do mail over a network or by modem. Select MODEM and select the dial-up connection configured earlier. Also be sure to check the WORK OFFLINE AND USE REMOTE MAIL box. This keeps Exchange from dialing to deliver each message you send. That is about it for configuring the POP3/Internet connection



from ex-change. Under TOOLS, there are a couple of other items of interest. OPTIONS contains a series of tabbed boxes for various preferences regarding fonts, spelling, and so forth. One of note under the GENERAL tab is WHEN STARTING MICROSOFT EXCHANGE. The two options are PROMPT FOR PROFILE TO BE USED and ALWAYS USE THIS PROFILE. As mentioned, you can have

multiple users of Microsoft Exchange and you can add new personal folders and address books for each of them - each stored under a different profile name. We had configured this via the CONTROL PANEL and the HELP files insisted that Exchange would prompt for which user was using the program whenever you called the program. But it didn't until we set this flag, buried on this screen, for PROMPT FOR PROFILE TO BE USED. Select ALWAYS USE THIS PROFILE if you are the only user.

We've mentioned several times that you can SEND messages without actually delivering them, and in fact we've configured Exchange here specifically to NOT send until you have finished all your correspondence. All sent messages will appear in the OUT folder. Under the TOOLS menu is a DELIVER NOW entry also available by pressing CTRL-M. If you click on DELIVER NOW, Exchange will dial your host, send any outbound mail via your SMTP forwarding server, and logon to the POP3 server to retrieve any mail waiting for you - and then disconnect. The mail that was in the OUT folder is now copied to the SENT ITEMS folder.

You do have to do this often. And Exchange does sport a customizable tool bar. If you click on TOOLS and CUSTOMIZE TOOL BAR, you can both add available functions to the tool bar and remove items you rarely use. When using a dial-up account, we like to add the DELIVER NOW function to the tool bar where it is a single click away - as a convenience.

SENDING MESSAGES

Microsoft Exchange has some very interesting functions. But we found them a bit difficult to use and in one case it simply doesn't work correctly. The problem is in dealing with two universes of possible recipients - those with Exchange, and those without.

Normally, if you use a lot of fonts, colors, underlining, bold, and attach a variety of files to a message, and then send it to an Internet address, Exchange strips all of that out and just sends it. If you know that the recipient DOES use Microsoft Exchange, you can still send him the message with all the glitz, it's just awkward to do so.

First you add the recipient to your address book as an Internet address but with the ALWAYS SEND IN RICH TEXT FORMAT box checked. This keeps Exchange from stripping out all the goodies when you send them a message. But you also have to override the profile to use MIME to encapsulate this stuff. You can do this by clicking on the Properties icon when you are drafting the message, or by clicking on FILE and PROPERTIES when you are drafting the message. The PROPERTIES box includes both GENERAL and INTERNET and you want the INTERNET tab. There, you can set it to override the profile and use MIME instead. Then, when you send your message, it will retain all the attached files, photos, and fonts, and they will be MIME encoded in the message text in such a way that all can tunnel through the Internet mail system and the recipients Exchange mail program can reconstruct the original. A bit of a mess to accomplish, but it works.

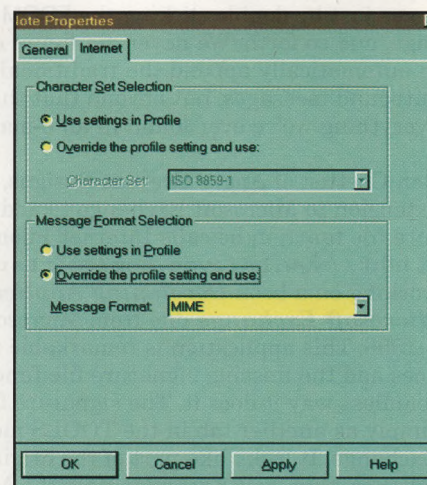
So what is MIME, and why didn't we use it as the default in our profile?

MIME is an RFC standard (RFC-1521) originally proposed by Nathaniel Borenstein. It stands for **M**ulti-part **I**nternet **M**ail **E**xtensions. The concept was to develop a method to include an endlessly extensible variety of attachments to electronic mail, and to get them through the Internet mail system. Often, mail gateways on the Internet could only handle 7-bit ASCII text. So all binary files have to be presented in 7-bit characters versus 8-bit binary data in order to be assured of making it through any gateway on the network.

Previously, if you wanted to attach a binary file to a message, you would use a program titled UUENCODE. UUENCODE used a simple function to convert each three binary bytes into four ASCII characters. The recipient could then use UUDECODE to reconstruct the original binary file from the ASCII text.

MIME not only replaced UUENCODE with a more robust Base64 quoting method, but specified a means to designate multiple file attachments in an e-mail message. In this way, you could send a message with an attached sound or video clip, a photograph, a spreadsheet, etc. in a single message. If the recipients mail program was MIME-capable as well, they would hear the sound, see the photo, read the message, and could access the spreadsheet. And it all traveled as a single message document.

This sounds great, and in fact, to use Microsoft's Rich Text Format, you must use MIME to deliver the messages. The problem is that Microsoft's MIME implementation is hosed in a very interesting way. If the recipient doesn't use Microsoft's Exchange program, and you have the MIME format set as default, each line of any ordinary text e-mail message appears to be terminated with an ugly =20 trailer. It is unsightly and makes a mess of your e-mail. And you won't even know you sent it that way. It looks normal on



your screen, but the recipients e-mail program will present it in the ugliest possible way.

Since most of our correspondence at this point is to people who DON'T use Exchange, we set MIME off. This causes file attachments to be uuencoded, and the text of the message to appear as normal. When we want to send a message to someone who does use Exchange, we have to add them to the address book, check the SEND USING RTF box, and also override the default to use MIME encapsulation.

Beyond a few of these configuration items, we found Exchange reasonably easy to use. You can experiment with it a bit. You can easily address mail using the address book, capture addresses to the address book from inbound messages just by double clicking the FROM address on the message, and so forth. We never did figure out a convenient way to automatically append the traditional .signature file to all outbound messages, but beyond that this program does everything we've ever found in an e-mail interface.

Ben Goetter, of Angry Greycat Designs, has written a DLL extension to Microsoft Exchange to add the missing signature file function he calls Internet Idioms and it is available at <http://www.halcyon.com/goetter/>. Ben is currently working on a book *Developing Applications For Microsoft Exchange* due from Microsoft Press early in 1996. This application is remarkable not just in that it does add the missing signature file function, but in the seamless way it does it. The signature file function appears simply as another tab in the TOOLS menu of Microsoft Exchange. It looks like part of the original program. Further, Microsoft Exchange uses the Mail Application Programming Interface or MAPI. This common API for mail has in the past landed with a dull thud heard not more than a few feet. But it does make it easy to add a hook to e-mail in almost any application with about 50 lines of pretty much canned code. An example of this is the new Microsoft Word in Microsoft Office for Windows95. You can write a long e-mail message in Word, and click SEND. It goes out through Microsoft Exchange, but you are never actually in Exchange. You did it from Word. A setup option allows you to install WordMail. This essentially replaces the Notepad-based text editor in Microsoft Exchange with a much more powerful Microsoft Word editor. It's not a bad life. In fact, the new Microsoft Office is a joy to use all around. They have a new scheduler that ALSO allows you to keep a contact database, and e-mail out of that. It all heralds a new era of mail-enabled applications. Combined with OLE, which becomes a real thing with this Windows release, almost any application can communicate globally via e-mail.

Overall, it is an exciting addition to electronic mail. Dealing with MIME and RTF as to who can read it and who can't is a pain and a needless one. Microsoft needs to fix their MIME format to deep-six the =20 kludge, and perhaps make the RTF selection in the address book automatically override to use MIME on Internet mail. Too complicated and too dicked up at this point. But we still love it.

SUMMARY

Windows95 is NOT an "upgrade" to Windows version 3.1. It is an entirely new operating system and we think it may comprise the most significant event in the development of personal computers since the introduction of the IBM PC in 1981. We found it incredibly rich in features and very open to communicating with other computers via virtually any

type of network. The TCP/IP functions are particularly rich and nearly trouble free. It runs DOS programs much better than version 3.1, runs most 3.1 Windows programs adequately, and the new 32-bit apps are a joy to use. It rather requires a lot in the way of hardware. But we're very enthused about the communications features in Windows95. In future issues of *Boardwatch*, we'll do more on Microsoft Network, faxing directly out of Exchange, SLIP and CSLIP connections, and connecting to Windows Networks anywhere in the world using TCP/IP as the transport.

Microsoft maintains a web site for Windows95 support at <http://www.windows.microsoft.com> and naturally enough, they have quite a bit of info on Windows95. The web site is a bit interesting in that it is actually 10 web sites around the U.S. and Europe that use a technique titled "round-robin domain name service" to apportion connections between these various sites. They run on DEC Prioris 590 DP dual-processor Pentium machines with 128 MB of RAM.

But a number of other web sites have sprung up offering 32-bit shareware programs for the new Operating System. We found the new WinZIP 6.0 particularly well done. The accompanying list of web sites lists some of the more popular web haunts for Windows95 enthusiasts.

WINDOWS 95 INTERNETWORKING HEADQUARTERS

<http://www.windows95.com>

This site is designed by Steve Jenkins, a Brigham Young University student in Provo, Utah. It is just thoroughly outstanding in all respects with particularly good information on connecting Windows95 to the Internet. The information is so good, Mr. Jenkins now appears in Boardwatch Magazine with a monthly column on various Internet connection tricks using Windows95 and WindowsNT.

CONSUMATE WINSOCK APPS SITE

<http://www.cwsapps.texas.net/win95.html>

Forrest Stroud's Consumate Winsock Apps site offers a good collection of Windows95 Internet applications.

PROCESS SOFTWARE CORPORATION'S WINDOWS95 PAGE

<http://www.process.com/win95/>

This site sports Windows95 tips, a frequently asked questions (FAQ) file and a selection of Windows95 shareware.

NETEX UNOFFICIAL WINDOWS 95 SOFTWARE ARCHIVE

<http://www.netex.net/w95/>

Discussion forums on the web - a BBS discussing Windows95.

WINSERVE

<http://www.winservice.com>

Web site for information about using various Windows95 WindowsNT functions such as folder and printer sharing over the Internet.

WIN95NET SOFTWARE ARCHIVE

<http://www.pcix.com/win95/software.html>

Software archive and excellent collection of magazine articles on Windows95. ♦

NATIONAL DIAL-UP ACCESS PROVIDERS

We define a National Dial-up Access Provider as an ISP with a presence in 25 or more area codes. For previous issues of the *Boardwatch Magazine Directory of Internet Service Providers*, we listed these providers in each area code they served. This meant that a national provider serving 100 area codes would be listed in the book 100 times.

National dial-up providers are different from independent, local ISPs. They cater to different users, especially peo-

ple who travel often and need to connect in different cities. Many providers listed in this section also appear in the National Backbone Operators section. If a backbone operator offers consumer dial-up service in 25 or more area codes, then it is listed in this section as well.

HOW TO USE THIS SECTION

For each national provider, we list all the contact information, the number of subscribers and dial-up ports, the services offered, and the prices for these services. Every provider releases accurate contact information, but some are reluctant to release the number of subscribers or dial-up ports. Our database

defaults to 0 in this case. If a provider has 0 subscribers or 0 ports, then it did not provide that information. The prices listed are fees for monthly services.

We also include each area code in which the provider operates. The top of the list gives the number of area codes served by the provider. Next to the list of area codes is a colored map of the United States. The dark green section indicates that the provider is serving that area. Since the Northeast is congested with area codes, a detailed map of the eastern seaboard is also included. Like most maps of the United States, Alaska and Hawaii are included.

1800Access

COMPANY INFO

Voice 805-676-9490
e-mail info@1800access.net
http www.1800access.net
Subscribers 50050
Dial-up Ports 4096

SERVICES

Dial up

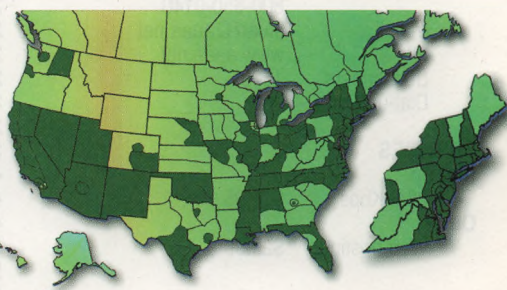
28.8 Kbps \$17.95
x2 \$22.95
Rock56flex \$22.95

Other

Web hosting \$15.00
T-1 Line \$1250.00

AREA CODES (93)

201	202	203	205	206	209
210	212	213	214	215	216
217	302	303	305	310	312
313	314	315	317	330	401
402	404	405	407	408	410
412	413	414	415	419	423
502	503	504	505	508	509
510	512	513	516	517	518
520	561	601	602	603	606
607	609	610	612	614	615
616	617	618	619	702	703
704	707	713	714	716	717
719	757	801	804	805	813
815	816	818	860	901	904
908	910	914	916	918	919
937	941	954			



AT&T WorldNet

COMPANY INFO

Voice 614-860-4906
800-967-5363
e-mail
http www.att.com/worldnet
Subscribers 900,000
Dial-up Ports 0

SERVICES

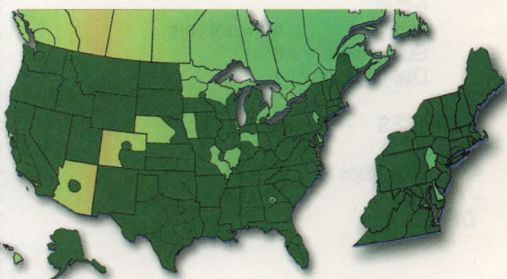
Dial up

28.8 Kbps \$19.95

Other

AREA CODES (130)

201	203	205	206	207	208
209	210	212	213	214	215
216	217	219	301	303	304
305	307	309	310	312	313
314	315	316	317	318	319
330	334	352	360	401	402
404	405	406	407	408	409
410	412	413	414	415	417
419	423	501	502	503	504
505	507	508	509	510	512
513	515	516	517	518	520
540	541	561	601	602	603
605	606	607	608	609	612
614	615	616	617	619	630
701	702	703	704	706	707
713	714	716	717	719	757
787	801	802	803	804	805
806	808	812	813	814	815
816	817	818	847	860	864
901	903	904	908	909	910



912 913 914 915 916 918
919 937 941 954

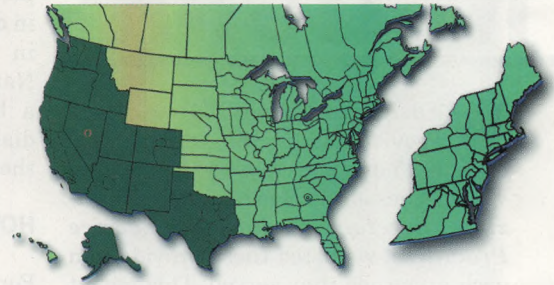
ATMLINK Inc

COMPANY INFO

Voice 909-484-5533
800-734-9084
e-mail info@atmlink.net
http www.atmlink.net
Subscribers 0
Dial-up Ports 1025

AREA CODES (37)

206	208	209	210	213	281
303	310	360	408	409	415
503	505	509	510	512	520
541	602	619	702	707	714
719	801	805	806	808	817
818	903	909	915	916	970
972					



SERVICES

Dial up

28.8 Kbps \$20.00
x2 \$20.00
ISDN \$200.00

Other

Web hosting \$25.00
T-1 Line \$1350.00

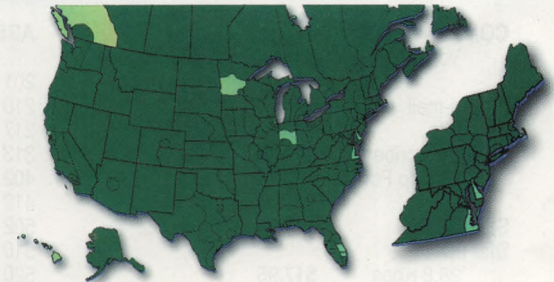
Affordable Access

COMPANY INFO

Voice 413-587-0522
800-650-0140
e-mail stuart@aaaa.net
http www.aaaa.net
Subscribers 1500
Dial-up Ports 902

AREA CODES (162)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
281	301	302	303	304	305
306	307	308	309	310	312
313	314	315	316	317	318
319	330	334	352	360	401
402	403	404	405	406	407
408	409	410	412	413	414
415	416	417	418	419	423
501	502	503	504	505	506
507	508	509	510	512	513
514	515	516	517	518	519
520	540	541	562	573	601
602	603	604	605	606	607
608	609	610	612	613	614
615	616	617	618	619	630
701	702	703	704	705	706
707	708	709	712	713	714
715	716	717	718	719	770



SERVICES

Dial up

28.8 Kbps \$18.95

Other

Web hosting \$29.99

801	802	803	804	805	806
807	808	809	810	812	813
814	815	816	817	818	819
847	860	864	901	902	903
904	905	906	907	908	909
910	912	913	914	915	916
917	918	919	941	970	972

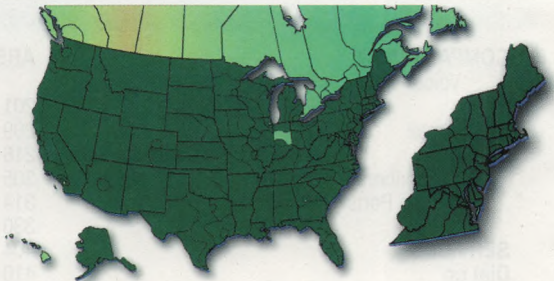
America Online

COMPANY INFO

Voice 703-448-8700
e-mail
http www.aol.com
Subscribers 0
Dial-up Ports 1

AREA CODES (147)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	307
308	309	310	312	313	314
315	316	317	318	319	320
330	334	352	360	401	402
404	405	406	407	408	409
410	412	413	414	415	417
419	423	501	502	503	504
505	507	508	509	510	512
513	515	516	517	518	520
540	541	573	601	602	603
605	606	607	608	609	610
612	614	615	616	617	618
619	630	701	702	703	704
706	707	708	712	713	714
715	716	717	718	719	757
770	773	801	802	803	804
805	806	808	810	812	813



814	815	816	817	818	847
860	864	901	903	904	906
907	908	909	910	912	913
914	915	916	918	919	937
941	954	970			

CBS Co./ WebRamp

COMPANY INFO

Voice 518-862-0939
800-371-9224
e-mail sales@webramp.net
http www.webramp.net
Subscribers 201
Dial-up Ports 30100

SERVICES

Dial up

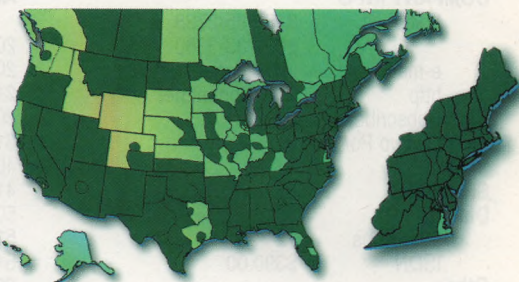
28.8 Kbps \$18.95
x2 \$18.95
ISDN \$29.00

Other

T-1 Line \$2295.00

AREA CODES (120)

201	202	203	205	206	207
209	210	212	213	214	215
216	217	218	219	301	302
303	304	305	306	310	312
313	314	315	316	317	318
330	334	401	402	403	404
405	406	407	408	410	412
413	414	415	419	423	501
502	503	504	505	508	510
512	513	515	516	517	518
519	520	540	541	601	602
603	604	607	608	609	610
612	614	615	616	617	619
701	702	703	704	706	713
714	716	717	719	770	801
802	803	804	805	806	810
813	814	816	817	818	847
860	864	901	902	904	905
908	909	910	912	914	915
916	918	919	937	941	954



CRL Network Services

COMPANY INFO

Voice 415-837-5300
e-mail info@crl.com
http www.crl.com
Subscribers 15000
Dial-up Ports 0

SERVICES

Dial up

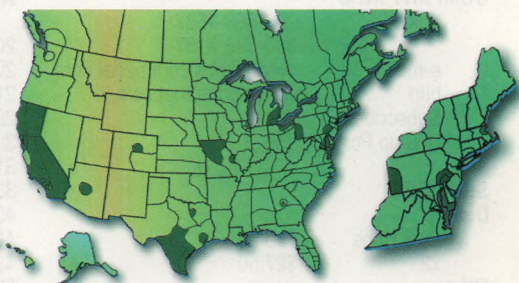
28.8 Kbps \$17.95

Other

T-1 Line \$1425.00

AREA CODES (30)

202	209	210	212	213	214
215	216	303	310	312	313
314	404	410	412	415	510
512	602	617	619	707	713
714	805	810	816	818	916



City Online Communications

COMPANY INFO

Voice 510-654-6512
888-424-8965
e-mail sales@citycom.com
http www.citycom.com
Subscribers 0
Dial-up Ports 128

SERVICES

Dial up

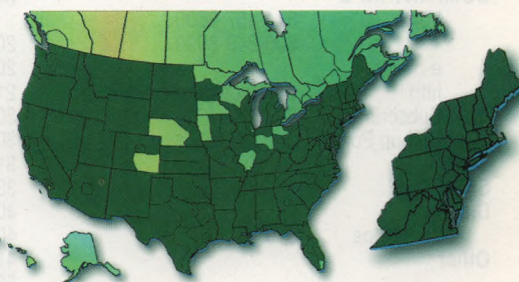
28.8 Kbps \$17.95
x2 \$17.95
ISDN \$39.95

Other

Web hosting \$24.95
T-1 Line \$1095.00

AREA CODES (135)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	219	281	301
302	303	304	307	309	310
312	313	314	315	316	317
318	319	320	330	334	352
360	401	402	404	405	406
407	408	409	410	412	413
414	415	417	423	501	502
503	504	505	508	509	510
512	513	515	516	517	518
520	540	541	561	573	601
602	603	605	606	607	608
609	610	612	614	615	616
617	619	630	701	702	703
704	706	707	713	714	716
717	757	770	773	801	802
803	804	805	806	810	812
813	814	815	816	817	818
847	860	864	901	903	904



908	909	910	912	913	914
915	916	918	919	937	941
954	970	972			

Cogent Software Inc

COMPANY INFO

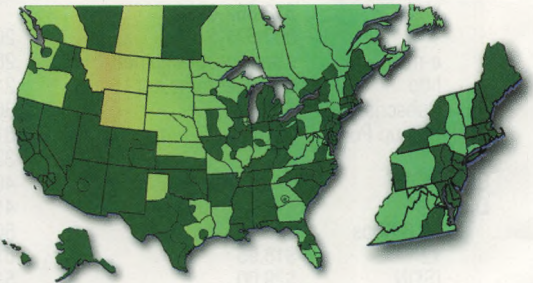
Voice 818-585-2788
800-733-3380
e-mail info@cogent.net
http www.cogent.net
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$24.95
ISDN \$390.00
Other
Web hosting \$70.00
T-1 Line \$390.00

AREA CODES (102)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	219	302
303	305	309	310	313	314
315	316	317	334	401	403
404	405	407	408	410	412
413	414	415	416	419	501
502	503	504	505	508	509
510	512	513	514	515	516
517	520	601	602	603	604
606	608	609	610	612	613
614	615	616	617	619	702
704	707	708	713	714	716
717	719	801	803	804	805
808	810	813	815	816	817
818	901	904	907	908	909
910	915	916	918	919	970



Comm2

COMPANY INFO

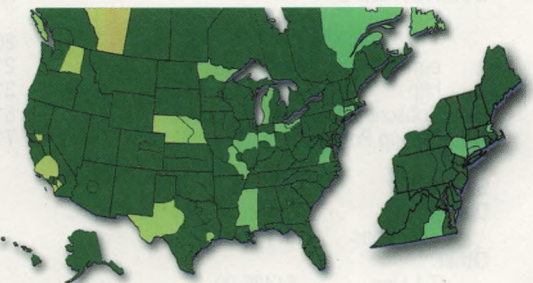
Voice 203-888-4527
800-698-2157
e-mail sysop@bbs.comm2net.com
http www.comm2net.com
Subscribers 204
Dial-up Ports 15015

SERVICES

Dial up
28.8 Kbps \$18.95
x2 \$27.50
Other
Web hosting \$5.00
T-1 Line \$995.00

AREA CODES (152)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	219	246	250	253
281	301	302	303	304	305
306	307	309	313	314	315
316	317	318	319	320	330
334	352	360	401	404	405
406	407	408	409	410	412
413	414	415	416	417	423
425	440	441	443	501	502
503	504	505	506	507	508
512	513	514	515	516	517
518	519	520	540	541	561
562	602	603	604	605	606
607	608	609	610	612	613
614	615	618	619	630	701
702	703	704	705	706	707
708	709	712	715	716	717
718	719	757	770	773	787
801	802	803	806	807	808



809	810	812	813	814	815
816	817	818	819	864	901
902	903	904	905	906	907
908	909	910	912	913	916
917	918	919	937	941	954
970	972				

CompuServe Network Services

COMPANY INFO

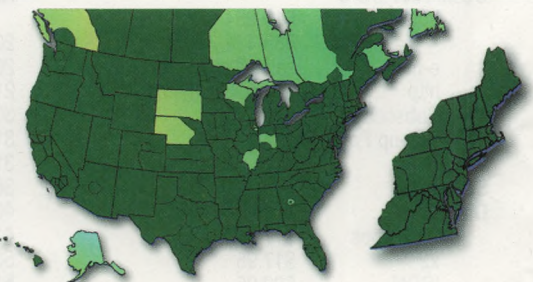
Voice 614-457-8600
800-848-8990
e-mail
http www.compuserve.com
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
Other

AREA CODES (152)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
301	302	303	304	305	306
307	309	310	312	313	314
315	316	317	318	319	320
330	334	352	360	401	402
403	404	405	406	407	408
409	410	412	413	414	415
416	417	418	419	423	501
502	503	504	505	507	508
509	510	512	513	514	515
516	517	518	519	520	540
541	561	573	601	602	603
604	605	606	607	608	609
610	612	613	614	615	616
617	619	630	701	702	703
704	706	707	712	713	714
716	717	719	757	773	787
801	802	803	804	805	806



808	810	812	813	814	815
816	817	818	847	860	864
901	902	903	904	905	907
908	909	910	912	913	914
915	916	918	919	937	941
954	970				

Concentric Network Corp

COMPANY INFO

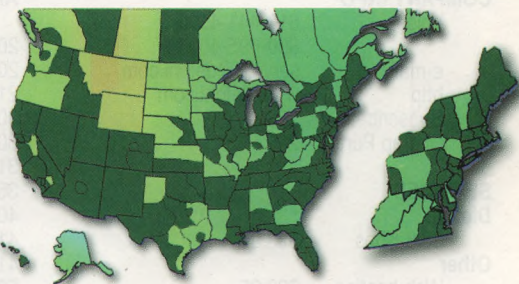
Voice 408-342-2800
800-939-4262
e-mail info@concentric.net
http home.concentric.net
Subscribers 0
Dial-up Ports 18000

SERVICES

Dial up
28.8 Kbps \$19.95
Other
T-1 Line \$395.00

AREA CODES (115)

201	202	203	204	206	207
208	209	210	212	213	214
215	216	217	219	301	302
303	305	309	310	312	313
314	315	316	317	319	330
334	352	401	402	403	405
407	408	410	412	413	414
415	416	423	501	502	503
504	505	508	509	510	513
514	515	516	517	518	520
561	601	602	603	604	606
608	609	610	612	613	614
615	616	617	619	630	702
704	706	707	708	713	714
716	717	718	719	757	770
773	801	803	804	805	808
810	813	815	816	817	818
847	860	901	904	908	910
915	918	919	941	954	970
972					



Connect Up Inc

COMPANY INFO

Voice 606-784-4901
800-221-9681
e-mail bill@connectup.com
http www.connectup.com
Subscribers 1156
Dial-up Ports 146

SERVICES

Dial up
28.8 Kbps \$24.95
ISDN \$125.00
Other
Web hosting \$55.00
T-1 Line \$995.00

AREA CODES (169)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
240	250	281	301	302	303
304	305	307	308	309	310
312	313	314	315	316	317
318	319	320	330	334	352
360	401	402	403	404	405
406	407	408	409	410	412
413	414	415	416	417	418
419	423	443	501	502	503
504	505	506	507	508	509
510	512	513	514	515	516
517	518	519	520	540	541
561	562	573	601	602	603
604	605	606	607	608	609
610	612	613	614	615	616
617	618	619	630	701	702
703	704	705	706	707	708
709	712	713	714	715	716
717	719	757	760	765	770



773	801	802	803	804	805
806	807	808	810	812	813
814	815	816	817	818	819
847	860	864	901	902	903
904	905	906	907	908	909
910	912	913	914	915	916
918	919	937	941	954	970
972					

Cyber Essentials

COMPANY INFO

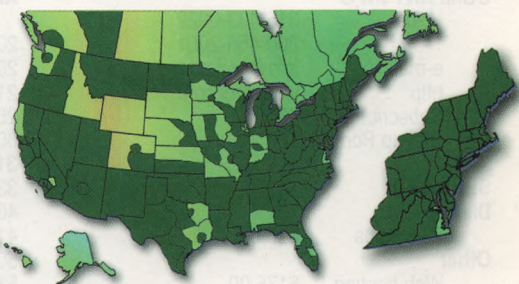
Voice 972-292-3748
e-mail sales@cyberessentials.com
http www.cyberessentials.com
Subscribers 0
Dial-up Ports 10000

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$10.00

AREA CODES (114)

201	202	203	205	206	207
209	210	212	213	214	215
216	217	218	219	301	302
303	304	305	310	312	313
314	315	316	317	318	330
401	402	403	404	405	406
407	408	410	412	413	414
415	419	423	501	502	503
504	505	508	510	512	513
515	516	517	518	520	540
541	601	602	603	604	607
608	609	610	612	614	615
616	617	619	701	702	703
704	706	713	714	716	717
719	770	801	802	803	804
805	806	810	813	814	816
817	818	847	860	864	901
904	908	910	912	914	915
916	918	919	937	941	954



Delphi Internet Services

COMPANY INFO

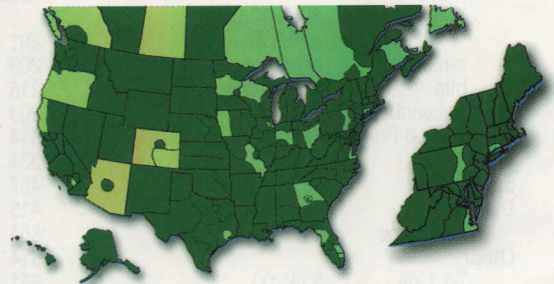
Voice 617-441-4500
800-695-4005
e-mail service@delphi.com
http www.delphi.com
Subscribers 30000
Dial-up Ports 225

SERVICES

Dial up
28.8 Kbps \$23.95
Other
Web hosting \$23.95

AREA CODES (132)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
301	302	303	304	305	307
308	309	310	312	313	314
315	316	317	318	319	334
360	401	402	403	404	405
406	407	408	409	410	412
413	414	415	416	417	418
419	423	501	502	503	504
505	507	508	509	510	512
513	514	515	516	517	518
519	540	601	602	603	604
605	606	607	608	609	610
612	613	614	615	616	617
618	619	701	702	703	704
801	802	803	804	805	806
808	809	810	812	813	814
815	816	817	818	847	864
901	902	903	904	905	906



907 908 909 910 912 913
914 915 916 918 919 941

E Street Inc

COMPANY INFO

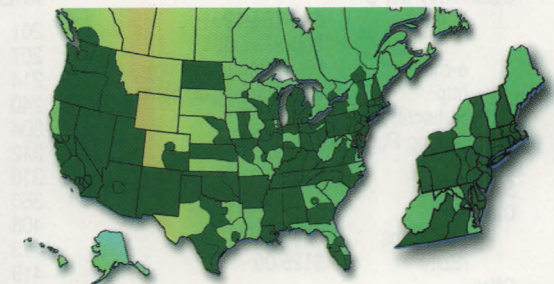
Voice 941-378-4431
888-378-7338
e-mail admin@estreet.net
http www.estreet.net
Subscribers 425
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$49.95

AREA CODES (103)

201	202	203	205	206	208
209	210	213	214	215	216
217	219	302	303	305	309
310	312	313	314	317	334
360	401	402	405	407	408
410	412	413	414	415	416
419	423	501	502	503	504
505	508	509	510	512	513
514	515	516	517	518	520
540	541	601	602	603	604
606	608	609	610	612	614
615	616	617	619	701	702
704	708	713	714	716	717
719	770	801	804	805	806
810	812	813	814	815	817
818	860	901	908	909	910
912	913	914	916	918	941
954					



EMI Communications

COMPANY INFO

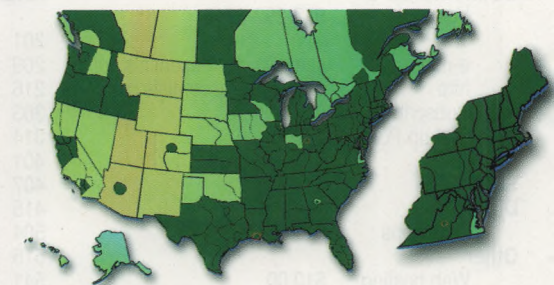
Voice 315-433-0022
800-456-2001
e-mail info@emi.com
http www.emi.com
Subscribers 4300
Dial-up Ports 200

SERVICES

Dial up
28.8 Kbps \$26.67
Other
Web hosting \$175.00
T-1 Line \$1250.00

AREA CODES (125)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
250	281	301	302	303	304
305	309	310	312	313	314
315	316	317	318	320	330
334	352	360	401	404	407
408	409	410	412	413	414
415	417	418	419	423	440
501	502	503	504	507	508
510	512	513	514	516	517
518	540	541	561	573	601
602	603	606	607	609	610
612	614	615	616	617	618
630	703	704	706	708	713
715	716	717	718	770	787
802	803	804	810	812	813
814	815	816	817	819	847
860	864	901	903	904	906
908	910	912	913	914	915



917 919 941 954 972

EQUINOX Internet Services Corp

COMPANY INFO

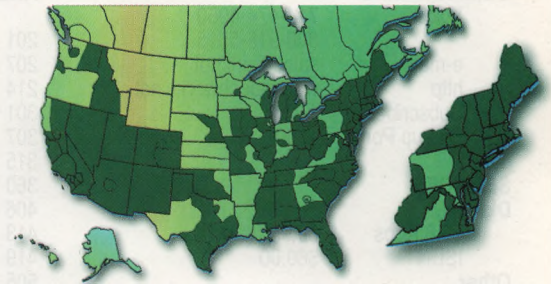
Voice 516-754-3020
800-923-2638
e-mail macconnect@equinox.net
http www.macconnect.com
Subscribers 3010
Dial-up Ports 5500

SERVICES

Dial up
28.8 Kbps \$21.95
Other
Web hosting \$74.95
T-1 Line \$2275.00

AREA CODES (97)

201	202	203	205	206	207
208	209	212	213	214	215
216	217	302	303	304	305
310	312	313	314	315	319
330	334	352	402	404	405
407	408	409	410	412	413
414	415	417	419	502	503
505	508	509	510	512	513
515	517	518	520	561	606
607	609	610	614	615	616
617	618	619	702	703	704
708	713	714	716	717	757
801	802	803	804	805	806
813	815	816	817	818	847
860	864	901	904	908	909
910	912	919	937	941	954
970					



EarthLink Network Inc

COMPANY INFO

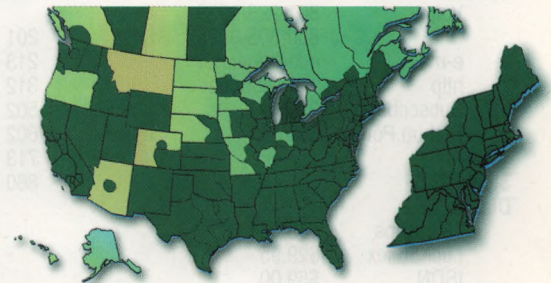
Voice 818-296-2400
800-395-8425
e-mail info@earthlink.net
http www.earthlink.net
Subscribers 300000
Dial-up Ports 72500

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$34.95
Other
Web hosting \$89.00
T-1 Line \$1074.00

AREA CODES (138)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	219	281
301	302	303	304	305	307
309	310	312	313	314	315
316	317	318	319	320	330
334	352	360	401	402	403
404	405	407	408	409	410
412	413	414	415	416	419
423	501	502	503	504	505
508	509	510	512	513	514
515	516	517	518	540	561
573	601	602	603	604	606
607	608	609	610	612	613
614	615	616	617	619	630
702	703	704	706	707	708
713	714	716	717	719	757
770	773	801	802	803	804
805	806	810	812	813	814
815	817	818	847	860	864



901	903	904	908	909	910
912	913	914	915	916	918
919	937	941	954	970	972

Emory Computer Consultants

COMPANY INFO

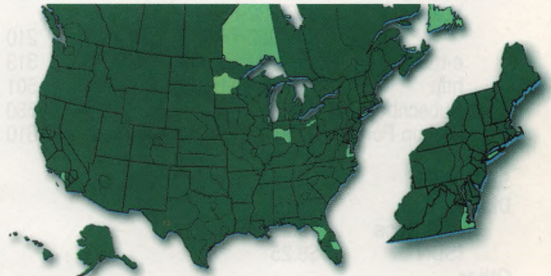
Voice 954-236-5441
e-mail info@emory.com
http www.emory.com/internet.htm
Subscribers 10000
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.96
Other
Web hosting \$10.00

AREA CODES (158)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
250	281	301	302	303	304
305	306	307	308	309	310
312	313	314	315	316	317
318	319	334	360	401	402
403	404	405	406	407	408
409	410	412	413	414	415
416	417	418	419	423	441
501	502	503	504	505	506
507	508	509	510	512	513
514	515	517	518	519	520
540	541	573	601	602	603
604	605	606	607	608	609
610	612	613	614	615	616
617	618	619	630	701	702
703	704	705	706	707	708
709	712	713	714	715	716
717	718	770	801	802	803



804	805	806	807	808	809
810	812	813	814	815	816
817	819	847	860	864	901
902	903	904	905	906	907
908	909	910	912	913	914
915	916	918	919	941	954
970	972				

Epoch Networks

COMPANY INFO

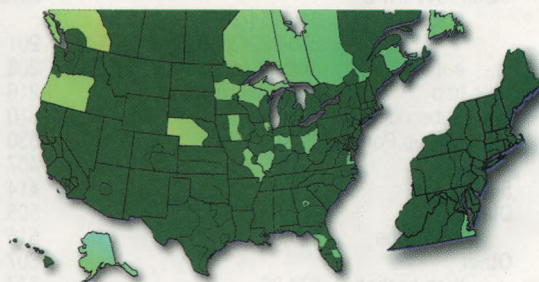
Voice 714-474-4950
800-915-5515
e-mail sales@eni.net
http www.epochworks.net
Subscribers 1500
Dial-up Ports 1000

SERVICES

Dial up
28.8 Kbps \$9.95
ISDN \$60.00
Other
Web hosting \$25.00
T-1 Line \$1250.00

AREA CODES (142)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
301	302	303	304	305	306
307	309	310	312	313	314
315	316	317	318	319	334
360	401	402	403	404	405
406	407	408	409	410	412
413	414	415	416	417	418
419	423	501	502	503	504
505	507	508	509	510	512
513	514	515	516	517	518
519	520	540	601	602	603
604	605	606	607	608	609
610	612	613	614	615	616
617	619	701	702	703	704
706	707	708	712	713	714
716	717	719	801	802	803
804	805	806	808	809	810
812	813	814	815	816	817



818	860	864	901	902	903
904	905	907	908	909	910
912	913	914	915	916	918
919	941	954	970		

Fibernet

COMPANY INFO

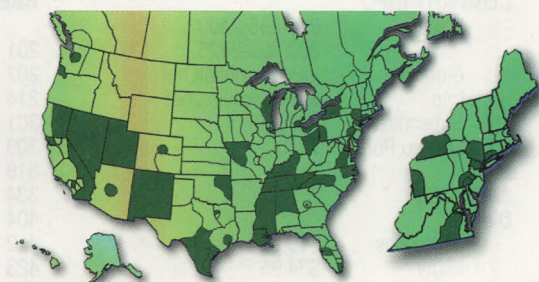
Voice 801-223-9939
800-305-6995
e-mail info@fiber.net
http www.fiber.net
Subscribers 2530
Dial-up Ports 350

SERVICES

Dial up
28.8 Kbps \$18.95
Luck56flex \$29.95
ISDN \$59.00
Other
Web hosting \$50.00
T-1 Line \$1195.00

AREA CODES (42)

201	202	205	206	210	212
213	214	215	216	303	305
312	313	412	414	415	423
502	503	504	505	512	601
602	614	615	619	702	704
713	716	801	804	813	816
860	901	914	916	918	919



FlashNet Communications

COMPANY INFO

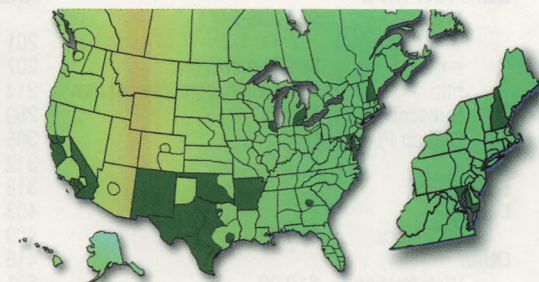
Voice 817-332-8883
800-352-7420
e-mail sales@flash.net
http www.flash.net
Subscribers 40250
Dial-up Ports 9500

SERVICES

Dial up
28.8 Kbps \$8.25
ISDN \$8.25
Other
T-1 Line \$500.00

AREA CODES (30)

210	213	214	281	310	312
313	404	405	408	410	415
501	505	510	512	603	619
630	708	713	714	718	770
810	817	818	847	915	972



GTE Intelligent Network Services

COMPANY INFO

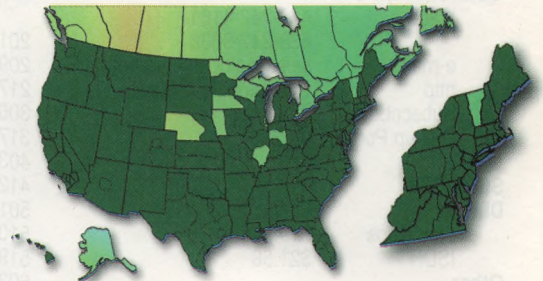
Voice 972-751-3800
800-927-3000
e-mail webmaster@gte.net
http www.gte.net
Subscribers 170000
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$17.95
ISDN \$39.95
Other
Web hosting \$75.00
T-1 Line \$1985.00

AREA CODES (135)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	219	301	302
303	304	305	307	309	310
312	313	314	315	316	317
318	319	320	330	334	352
360	401	402	404	405	406
407	408	409	410	412	413
414	415	417	419	423	501
502	503	504	505	508	509
510	512	513	515	516	517
518	520	540	541	561	573
601	602	603	605	606	607
608	609	610	612	614	615
616	617	619	630	701	702
703	704	706	707	713	714
716	717	719	757	770	801
803	804	805	806	808	810
812	813	814	815	816	817
818	847	860	864	901	903



904 908 909 910 912 913
914 915 916 918 919 941
954 970 972

getus.net

COMPANY INFO

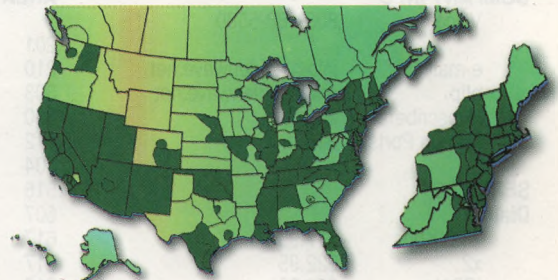
Voice 609-858-0262
888-364-7230
e-mail cs@getus.net
http www.getus.net
Subscribers 0
Dial-up Ports 10000

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$25.00
T-1 Line \$1500.00

AREA CODES (91)

201	202	203	205	206	209
210	212	213	214	215	216
217	302	303	305	310	312
313	314	315	317	330	401
402	404	405	407	408	410
412	413	414	415	419	423
502	503	504	505	508	509
510	512	513	516	517	518
520	561	601	602	603	606
607	609	610	612	614	615
616	617	618	619	702	704
707	713	714	716	717	719
757	801	804	805	813	815
816	818	860	901	904	908
910	914	916	918	919	937
954					



GlobalCenter Inc

COMPANY INFO

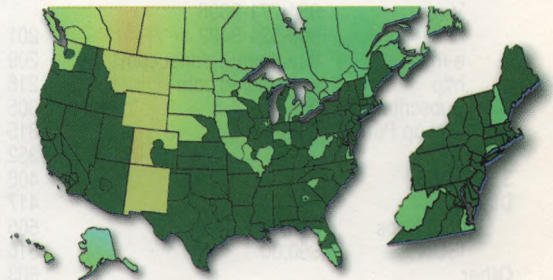
Voice 408-328-6000
800-640-4562
e-mail sales@globalcenter.net
http www.globalcenter.net
Subscribers 20000
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$20.95
Other
Web hosting \$100.00
T-1 Line \$1295.00

AREA CODES (111)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	219	301	302
303	305	309	310	312	313
314	315	316	317	318	319
334	401	402	404	405	407
408	409	410	412	413	414
415	417	419	423	501	502
503	504	508	509	510	512
513	515	516	518	520	540
541	601	602	603	606	607
608	609	610	612	614	615
616	617	619	702	703	704
706	707	708	713	714	716
717	719	801	803	804	805
806	812	813	814	815	817
818	847	901	903	904	908
909	910	912	913	914	915
916	918	919			



GlobalServe Communications Inc

COMPANY INFO

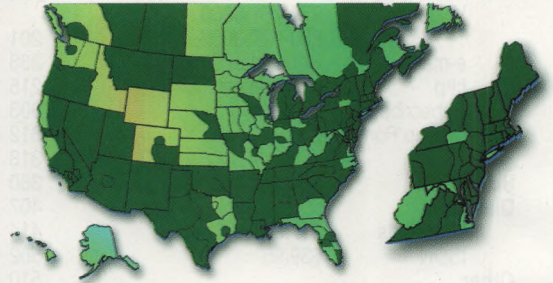
Voice 416-242-4181
888-247-9638
e-mail sales@globalserve.net
http www.globalserve.net
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$21.58
Other
Web hosting \$8.25
T-1 Line \$2350.00

AREA CODES (108)

201	202	203	205	206	207
209	210	212	213	215	216
217	219	301	302	303	305
306	310	312	313	314	315
317	318	330	334	401	402
403	404	405	406	407	410
412	413	415	416	418	423
501	502	503	504	505	508
510	512	513	514	517	518
519	520	540	541	601	602
603	604	608	609	610	613
614	615	616	617	619	701
702	703	704	706	713	714
716	717	719	770	801	802
803	804	805	806	810	813
814	816	817	818	847	860
864	901	902	905	908	909
910	914	915	916	918	954



Goldenwave

COMPANY INFO

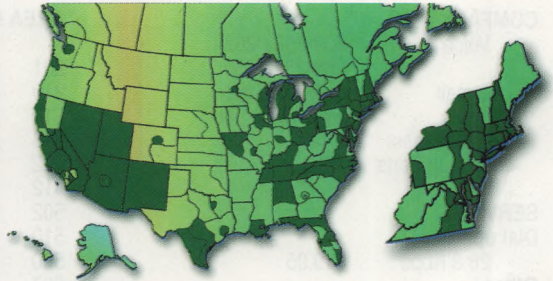
Voice 805-488-5580
e-mail info@goldenwave.net
http www.goldenwave.net
Subscribers 202
Dial-up Ports 216

SERVICES

Dial up
28.8 Kbps \$17.95
x2 \$22.95
ISDN \$60.00
Other
Web hosting \$40.00
T-1 Line \$1250.00

AREA CODES (69)

201	202	203	205	206	209
210	212	213	214	215	216
303	305	313	314	315	317
330	401	404	407	408	410
412	413	414	423	502	503
504	505	508	510	512	513
516	517	518	520	602	603
607	609	612	614	615	616
617	619	702	704	707	716
717	801	804	805	813	815
816	860	901	904	910	914
919	937	954			



Group Long Distance, Inc.

COMPANY INFO

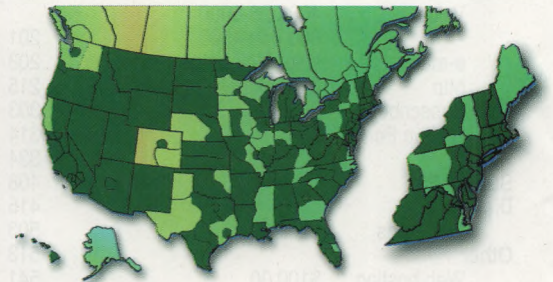
Voice 954-771-9696
800-521-5422
e-mail tbranham@gldnet.com
http www.gldnet.com
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$60.00
Other
T-1 Line \$1.00

AREA CODES (109)

201	202	203	205	206	208
209	210	212	213	214	215
216	218	219	302	303	304
305	307	310	312	313	314
315	316	317	318	330	334
352	401	402	405	406	407
408	410	412	413	414	415
417	419	501	502	503	504
505	508	510	512	513	515
516	517	520	540	541	602
603	605	608	609	610	612
614	615	616	617	618	619
630	701	702	703	704	706
713	714	716	717	770	801
802	803	804	805	808	810
812	813	815	816	817	818
847	860	901	903	904	908
909	910	913	914	916	941
954					



HoloNet

COMPANY INFO

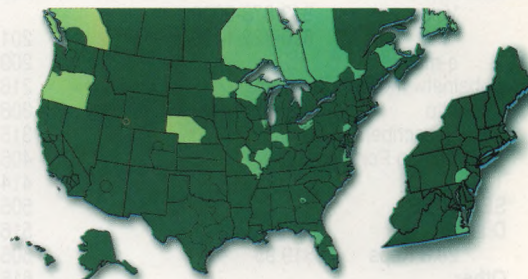
Voice 510-704-0160
e-mail support@holonet.net
http www.holonet.net
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$30.00
Other
Web hosting \$6.00
T-1 Line \$2300.00

AREA CODES (140)

201	202	203	204	205	206
207	208	209	210	212	213
214	217	218	219	301	302
303	304	305	306	307	309
310	312	313	314	315	316
317	318	319	334	360	401
402	403	404	405	406	407
408	409	410	412	413	414
415	416	417	418	419	423
501	502	503	504	505	507
508	509	510	512	513	514
515	516	517	518	519	520
540	601	602	603	604	605
606	607	608	609	610	612
613	614	615	616	617	619
701	702	703	704	706	707
708	712	713	714	716	717
719	801	802	803	804	805
806	808	809	810	812	813
814	815	816	817	818	860



864	901	902	903	904	905
907	908	909	910	912	913
914	915	916	918	919	941
954	970				

I-Way Networks, Inc.

COMPANY INFO

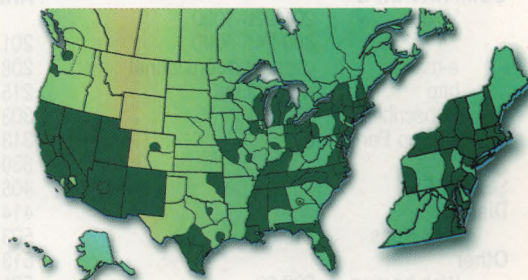
Voice 504-596-2256
888-884-4929
e-mail dbertrand@i-way.net
http www.i-way.net
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$25.00

AREA CODES (80)

201	202	203	205	206	209
210	212	213	214	215	216
303	305	310	312	313	314
315	317	330	401	404	407
408	410	412	413	414	415
419	423	502	503	504	505
508	510	512	513	516	517
518	520	561	601	602	603
607	609	612	614	615	616
617	619	702	704	707	713
714	716	717	757	801	804
805	813	815	816	860	901
904	910	914	916	918	919
937	954				



I3 Inc

COMPANY INFO

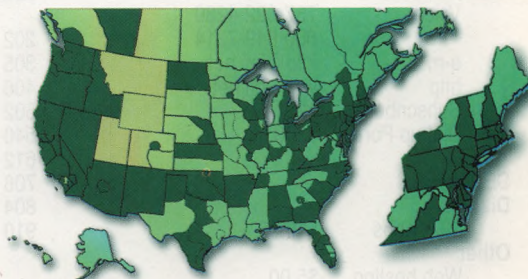
Voice 941-575-0727
800-299-4343
e-mail bequette@i3.net
http www.i3.net
Subscribers 3000
Dial-up Ports 3000

SERVICES

Dial up
28.8 Kbps \$19.95
Other

AREA CODES (93)

201	202	203	205	206	208
209	210	212	215	216	217
302	303	305	309	310	312
313	314	334	352	360	401
402	403	405	407	408	410
412	413	414	416	419	423
501	503	505	508	509	510
512	513	514	515	517	518
520	540	541	602	603	604
606	608	609	610	612	614
617	619	701	702	707	708
714	716	717	770	803	805
806	810	812	813	814	815
817	818	847	860	901	908
909	910	912	913	914	916
918	919	941			



IBM Global Network Services

COMPANY INFO

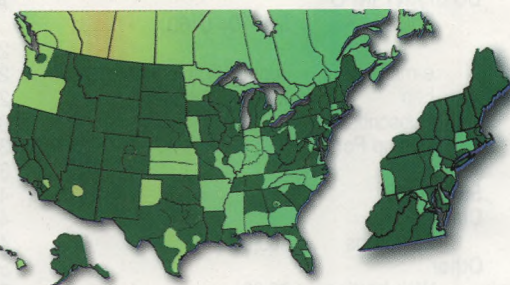
Voice 813-878-3000
800-722-1425
e-mail globalnetwork@info.ibm.com
http www.ibm.net
Subscribers 0
Dial-up Ports 100

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$785.00
T-1 Line \$3000.00

AREA CODES (100)

201	203	205	206	207	208
209	210	212	213	214	215
216	217	303	304	305	307
308	309	310	312	313	314
315	318	319	401	402	404
405	406	407	408	409	410
414	415	417	419	503	504
505	507	508	509	510	515
516	517	518	520	540	603
605	606	607	608	612	614
615	616	617	619	701	702
706	707	708	714	715	716
717	719	801	802	803	804
805	809	813	814	815	816
817	818	860	901	903	904
907	908	914	915	916	918
919	941	954	970		



IDT Corp

COMPANY INFO

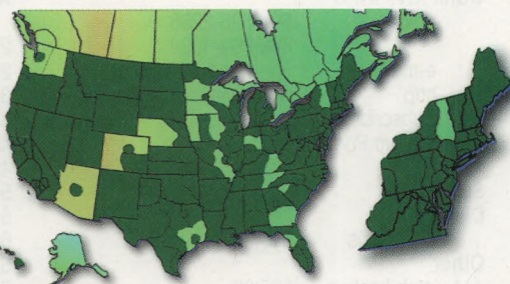
Voice 201-928-1000
800-245-8000
e-mail connect@corp.idt.net
http www.idt.net
Subscribers 200250
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$60.00
T-1 Line \$1400.00

AREA CODES (123)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	218	219	301	302
303	304	305	307	310	312
313	314	315	316	317	318
330	334	401	402	404	405
406	407	408	410	412	413
414	415	417	419	501	502
503	504	505	508	510	512
513	515	516	517	540	541
561	601	602	603	605	607
608	609	610	612	614	615
616	617	618	619	630	701
702	703	704	706	707	708
713	714	716	717	719	757
770	801	802	803	804	805
806	808	810	812	813	814
815	816	817	818	847	860
901	903	904	908	909	910
913	914	915	916	918	919



937 941 954

InfiNet

COMPANY INFO

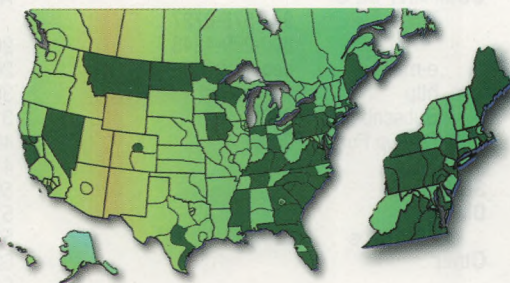
Voice 757-622-4289
800-849-7214
e-mail info@infi.net
http www.infi.net
Subscribers 120
Dial-up Ports 7500

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$5.00
T-1 Line \$1200.00

AREA CODES (53)

202	207	215	218	219	303
305	310	313	319	330	352
406	407	408	410	412	415
502	508	510	512	513	515
540	561	601	606	609	610
612	615	701	702	703	704
706	715	716	717	757	803
804	810	814	860	864	904
910	912	914	941	954	



InfoCom Networks Corp

COMPANY INFO

Voice 281-286-0399
800-613-4559
e-mail info@infocom.net
http www.infocom.net
Subscribers 2100
Dial-up Ports 4196

SERVICES

Dial up

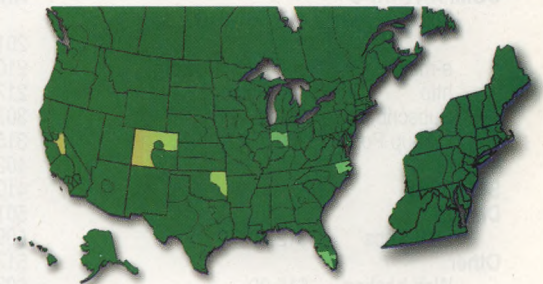
28.8 Kbps \$14.95
x2 \$14.95
ISDN \$26.95

Other

Web hosting \$75.00
T-1 Line \$1495.00

AREA CODES (165)

201	202	203	204	205	206
207	208	209	210	213	214
215	216	217	218	219	250
253	281	301	302	303	304
305	306	307	308	309	310
312	313	314	315	316	317
318	319	320	330	334	352
360	401	402	403	404	405
406	407	408	409	410	412
413	414	415	416	417	418
419	423	425	441	443	501
502	503	504	505	506	507
508	509	510	512	513	514
515	516	517	518	519	520
540	541	561	562	573	601
602	603	604	605	606	607
608	609	610	612	613	614
615	616	617	618	619	630
701	702	703	704	705	706
707	708	709	712	713	714



715	716	717	718	719	757
770	773	787	801	802	803
804	805	806	807	808	809
810	812	813	814	815	816
817	818	819	847	860	864
867	901	902	903	904	905
906	907	908	909	910	912
913	914	915			

Information Bridge, Inc.

COMPANY INFO

Voice 402-896-9700
e-mail info@infobridge.com
http www.infobridge.com
Subscribers 11
Dial-up Ports 99999

SERVICES

Dial up

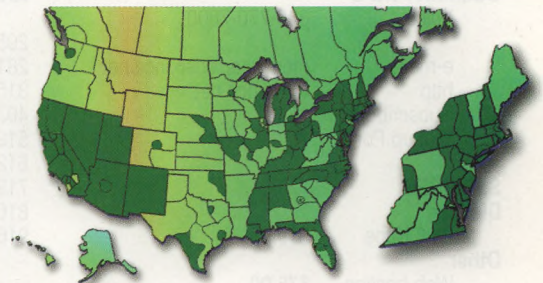
28.8 Kbps \$19.95

Other

Web hosting \$10.00
T-1 Line \$2180.00

AREA CODES (86)

201	202	203	205	206	209
210	212	213	214	215	216
217	302	303	305	313	314
315	317	330	401	402	404
407	408	410	412	413	414
415	416	419	423	502	503
504	505	508	510	512	513
516	517	518	520	561	562
601	602	603	606	607	609
610	612	614	615	616	617
619	702	704	707	713	714
716	717	757	801	804	805
813	815	816	818	860	901
904	910	914	916	918	919
937	954				



InnerVision Technologies Inc

COMPANY INFO

Voice 407-454-3811
888-488-1900
e-mail info@nexusprime.org
http www.nexusprime.org
Subscribers 1525
Dial-up Ports 300

SERVICES

Dial up

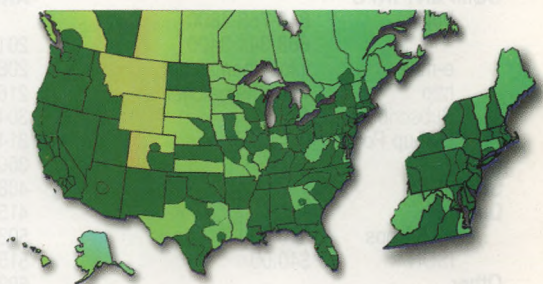
28.8 Kbps \$17.95

Other

Web hosting \$50.00

AREA CODES (113)

201	202	203	205	206	208
209	210	212	213	214	215
216	217	219	302	303	305
309	310	312	313	314	315
317	330	334	352	360	401
402	403	405	407	408	410
412	413	414	415	416	419
423	501	502	503	504	505
508	509	510	512	513	514
515	516	517	518	520	540
541	601	602	603	604	606
608	609	610	612	614	615
616	617	619	701	702	704
707	708	713	714	716	717
719	770	801	803	804	805
806	810	812	813	814	815
817	818	847	860	901	904
908	909	910	912	913	914
916	918	919	941	954	



Institute for Global Communications

COMPANY INFO

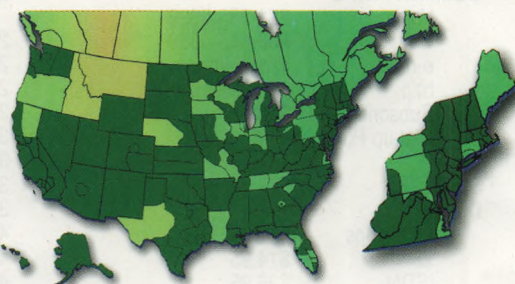
Voice 415-561-6100
e-mail outreach@igc.org
http www.igc.org
Subscribers 12000
Dial-up Ports 200

SERVICES

Dial up
28.8 Kbps \$12.50
Other
Web hosting \$15.00

AREA CODES (111)

201	202	203	205	206	209
210	212	213	214	215	216
217	218	302	303	304	305
307	309	310	312	313	314
315	316	317	334	360	401
402	404	405	407	408	409
410	412	413	414	415	419
501	502	503	504	505	508
509	510	512	513	515	516
517	518	520	540	601	602
603	605	606	607	608	609
610	612	614	617	618	619
701	702	703	704	706	707
708	712	713	714	717	719
801	802	803	804	805	806
808	810	812	813	816	817
818	901	903	904	906	907
908	909	910	912	913	914
918	919	970			



Internet Communications Corp

COMPANY INFO

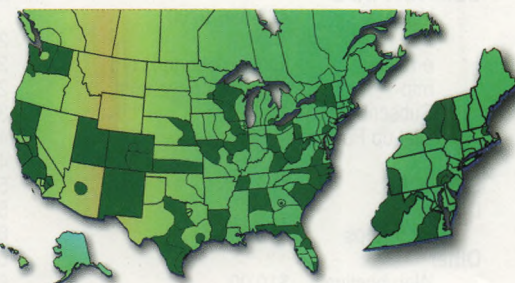
Voice 303-770-7600
e-mail merickson@isp.incc.net
http www.incc.net
Subscribers 150
Dial-up Ports 30

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$75.00
T-1 Line \$1200.00

AREA CODES (51)

205	209	210	215	216	217
281	303	304	305	313	314
315	316	318	360	402	404
407	408	412	503	505	509
512	513	518	602	606	608
612	617	707	713	714	715
719	801	803	804	805	815
816	817	901	904	909	910
916	919	970			



Internet In A Mail

COMPANY INFO

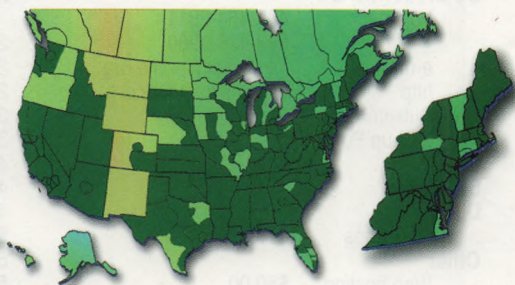
Voice 818-758-4800
888-344-3400
e-mail info@themail.net
http www.themail.net
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$10.00
ISDN \$40.00
Other
Web hosting \$35.00

AREA CODES (111)

201	202	203	205	206	207
208	209	212	213	214	215
216	217	219	301	302	303
304	305	309	310	312	313
314	315	316	317	318	334
360	401	402	404	405	407
408	409	410	412	413	414
415	417	419	423	501	502
503	504	508	510	512	513
515	516	518	520	540	601
602	603	605	606	608	609
610	612	614	615	616	617
619	702	703	704	706	707
708	713	714	716	717	719
770	801	803	804	805	806
810	812	813	814	815	816
817	818	847	901	904	908
909	910	912	913	914	915
916	918	919			



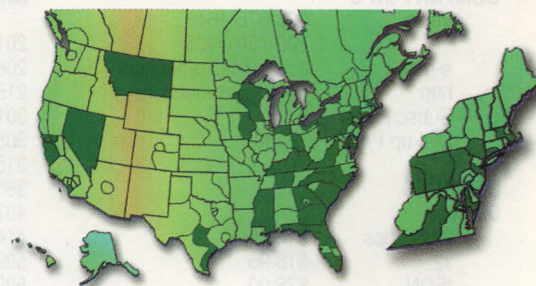
Kentucky Connect

COMPANY INFO

Voice 606-231-3113
800-856-2605
e-mail dreed@lex.infi.net
http kentuckyconnect.com
Subscribers 2000
Dial-up Ports 0

AREA CODES (41)

202	215	216	219	305	310
319	352	406	407	408	410
412	415	502	508	510	512
513	540	601	606	608	609
610	612	615	702	704	706
715	717	803	814	860	904
910	912	914	941	954	



SERVICES

Dial up
28.8 Kbps \$17.95
Other
Web hosting \$75.00

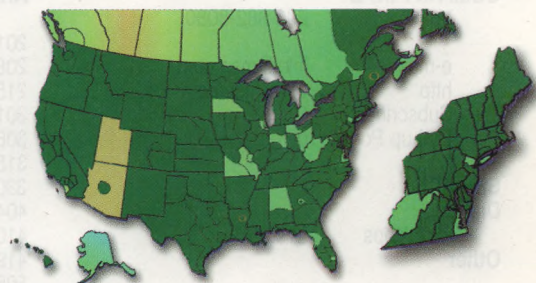
Lighthouse Productions

COMPANY INFO

Voice 408-423-8580
888-267-6421
e-mail lite@netcenter.com
http www.netcenter.com
Subscribers 0
Dial-up Ports 5000

AREA CODES (133)

202	203	206	207	208	209
210	212	213	214	215	216
217	218	219	281	301	302
303	305	307	308	309	312
313	315	316	317	318	319
320	334	360	401	402	404
405	406	407	408	409	410
412	413	414	415	416	418
423	501	502	503	504	505
506	508	509	510	512	513
514	515	517	518	540	541
561	562	601	602	603	605
606	607	608	609	610	612
613	614	615	616	617	618
619	630	701	702	703	704
706	707	709	712	713	714
715	716	717	718	719	760
802	803	804	805	806	808
810	812	813	814	816	817
818	860	864	901	903	904



906	908	909	910	912	913
914	915	916	918	919	970
972					

SERVICES

Dial up
28.8 Kbps \$9.95
Other
Web hosting \$25.00

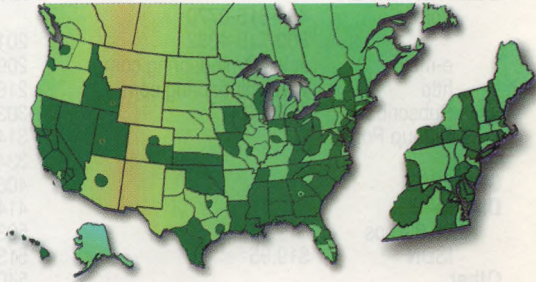
MCI Telecommunications Corp

COMPANY INFO

Voice 703-715-7367
e-mail mciinternet@mci.net
http www.mci.net
Subscribers 0
Dial-up Ports 0

AREA CODES (76)

201	202	203	205	206	208
209	210	212	213	214	215
216	219	302	303	304	305
310	312	313	314	316	317
318	319	334	401	404	405
407	408	410	412	414	415
419	423	503	504	510	512
513	514	515	516	518	601
606	614	617	619	702	703
704	706	713	714	716	719
801	803	804	805	808	813
816	901	904	909	910	912
914	916	918	919		



SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$1200.00
T-1 Line \$2550.00

Micro-Net Online Services

COMPANY INFO

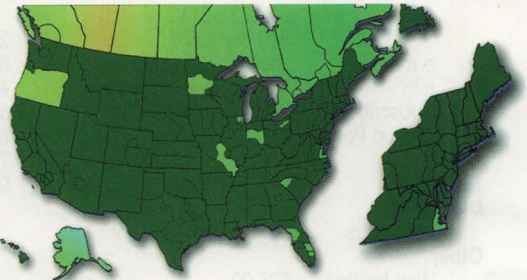
Voice 203-578-4649
800-480-9925
e-mail accts@micro-net.com
http www.micro-net.com
Subscribers 0
Dial-up Ports 77100

SERVICES

Dial up
28.8 Kbps \$18.95
x2 \$18.95
ISDN \$75.00
Other
Web hosting \$50.00

AREA CODES (137)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	307
308	309	310	312	313	314
315	316	317	318	319	334
360	401	402	404	405	406
407	408	409	410	412	413
414	415	417	419	423	501
502	503	504	505	507	508
509	510	512	513	515	516
517	518	520	540	601	602
603	605	606	607	608	609
610	612	614	615	616	617
618	619	630	701	702	703
704	706	707	708	709	712
713	714	715	716	717	718
719	770	801	802	803	804
805	806	808	810	812	813
814	815	816	817	818	860



901	903	904	906	908	909
910	912	913	914	915	916
917	918	919	941	970	

Microsoft Network

COMPANY INFO

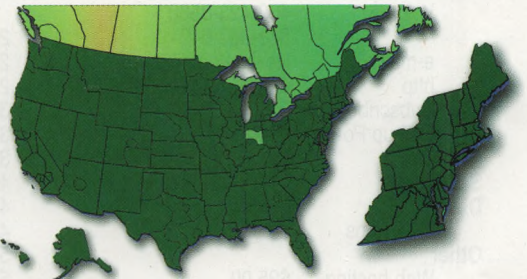
Voice 206-882-8080
e-mail info@msn.com
http www.msn.com
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
Other

AREA CODES (149)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	307
308	309	310	312	313	314
315	316	317	318	319	320
330	334	352	360	401	402
404	405	406	407	408	409
410	412	413	414	415	417
419	423	501	502	503	504
505	507	508	509	510	512
513	515	516	517	518	520
540	541	561	573	601	602
603	605	606	607	608	609
610	612	614	615	616	617
618	619	630	701	702	703
704	706	707	708	712	713
714	715	716	717	719	757
770	773	787	801	802	803
804	805	806	808	810	812



813	814	815	816	817	818
847	860	864	901	903	904
906	907	908	909	910	912
913	914	915	916	918	919
937	941	954	970	972	

MindSpring Enterprises Inc

COMPANY INFO

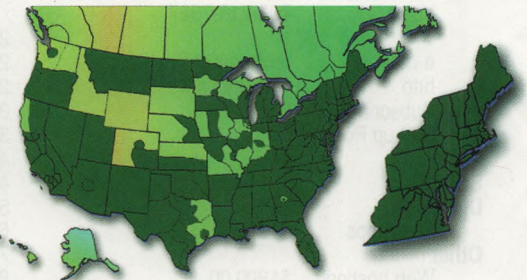
Voice 404-815-0770
800-719-4332
e-mail sales@mindspring.com
http www.mindspring.com
Subscribers 153000
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$19.95
Other
Web hosting \$50.00

AREA CODES (120)

201	202	203	205	206	207
209	210	212	213	214	215
216	217	218	219	301	302
303	304	305	310	312	313
314	315	316	317	318	330
334	352	401	402	404	405
406	407	408	410	412	413
414	415	419	423	501	502
503	504	505	508	510	512
513	515	516	517	518	520
540	541	561	601	602	603
606	607	608	609	610	612
614	615	616	617	619	701
702	703	704	706	713	714
716	717	718	719	757	770
801	802	803	804	805	806
810	813	814	816	817	818
847	860	864	901	904	908
909	910	912	914	915	916
917	918	919	937	941	954



Miracle Net Communications Inc

COMPANY INFO

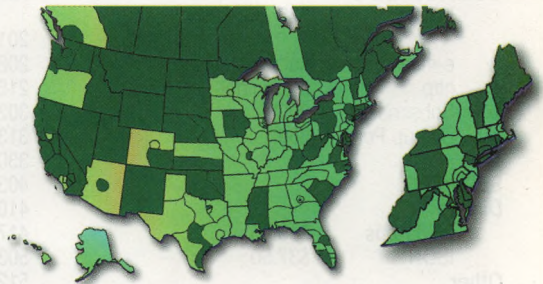
Voice 203-407-4666
e-mail sales@miracle.net
http www.miracle.net
Subscribers 1250
Dial-up Ports 27750

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$86.00
T-1 Line \$1100.00

AREA CODES (68)

201	202	203	204	206	207
208	209	212	214	218	302
304	306	307	308	314	316
319	360	401	402	403	404
405	406	407	408	410	415
418	503	505	506	509	512
515	516	601	602	604	605
606	619	701	702	705	707
708	709	714	716	718	719
801	802	803	804	805	807
814	819	860	909	914	916
919	941				



Moran Communications Group

COMPANY INFO

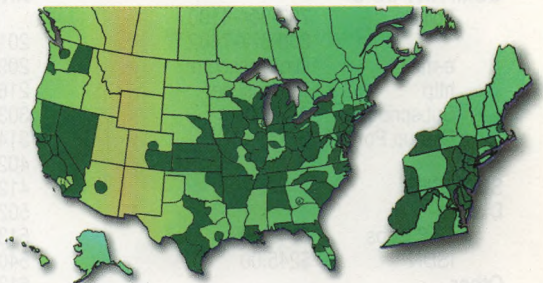
Voice 716-639-1254
e-mail info@moran.com
http www.moran.com
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$15.00
Other

AREA CODES (79)

201	202	203	205	206	209
210	212	214	215	216	217
219	302	303	304	305	309
310	312	313	314	316	317
319	402	404	407	408	410
412	414	415	417	419	501
502	503	504	509	510	512
513	515	517	602	606	608
609	610	612	614	615	616
617	618	619	702	704	713
716	717	719	803	804	805
810	813	815	816	817	901
904	908	913	914	916	918
919					



NTR.NET Corp

COMPANY INFO

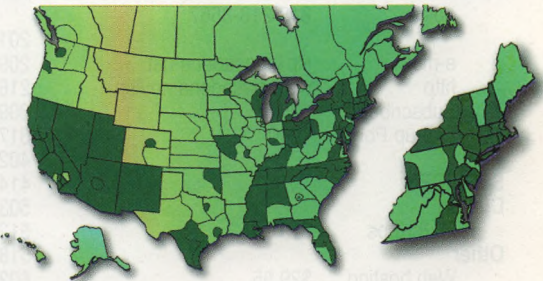
Voice 502-583-3777
800-962-3750
e-mail info@ntr.net
http www.ntr.net
Subscribers 8800
Dial-up Ports 10000

SERVICES

Dial up
28.8 Kbps \$14.95
Other
Web hosting \$200.00
T-1 Line \$1995.00

AREA CODES (77)

201	202	203	205	206	209
210	212	213	214	215	216
303	305	310	312	313	314
315	317	330	401	404	407
408	410	412	413	414	415
419	423	502	503	504	505
508	510	512	513	516	517
518	520	561	601	602	603
607	609	612	614	615	616
617	619	702	704	707	713
714	716	717	801	804	805
813	816	860	901	904	910
914	916	918	919	954	



New Visions Inc

COMPANY INFO

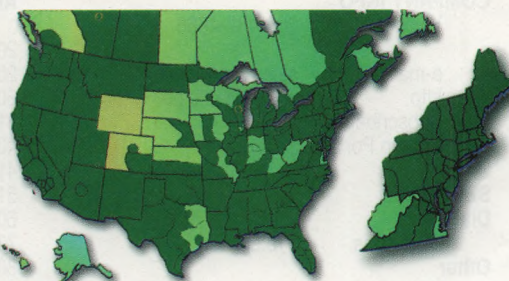
Voice 330-262-8293
e-mail nathan@nvi.net
http nt1.nvi.net
Subscribers 2000
Dial-up Ports 660

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$37.50
Other
Web hosting \$75.00
T-1 Line \$500.00

AREA CODES (133)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	301
302	303	305	306	310	312
313	314	315	316	317	318
330	334	352	360	401	402
403	404	405	406	407	408
410	412	413	414	415	416
417	418	419	423	501	502
503	504	505	508	509	510
512	513	514	515	516	517
518	519	520	540	541	561
601	602	603	604	607	608
609	610	612	613	614	615
616	617	618	619	701	702
703	704	706	707	708	713
714	716	717	719	770	801
802	803	804	805	806	810
813	814	815	816	817	818
847	860	864	901	902	904



905 908 909 910 912 914
915 916 918 919 937 941
954

PSINet Inc

COMPANY INFO

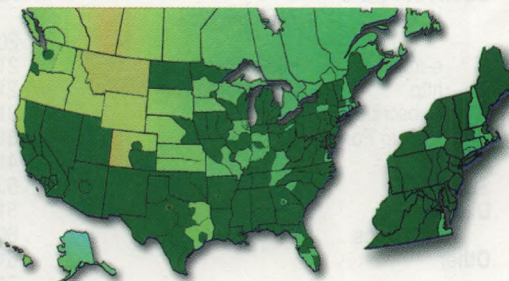
Voice 703-904-4100
800-827-7482
e-mail info@psi.com
http www.psi.net
Subscribers 317000
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$145.00
ISDN \$245.00
Other
Web hosting \$99.00
T-1 Line \$2295.00

AREA CODES (101)

201	202	203	205	206	207
209	210	212	213	214	215
216	217	218	219	301	302
303	304	305	310	312	313
314	315	317	318	319	334
402	404	405	407	408	410
412	413	414	415	419	501
502	503	504	505	510	512
513	515	516	517	518	520
540	601	602	608	609	610
612	614	615	616	617	619
701	702	703	704	706	712
713	714	716	717	719	801
802	803	804	805	806	810
813	814	816	817	818	901
904	908	909	910	912	914
915	916	918	919	954	



Pasadena Networks

COMPANY INFO

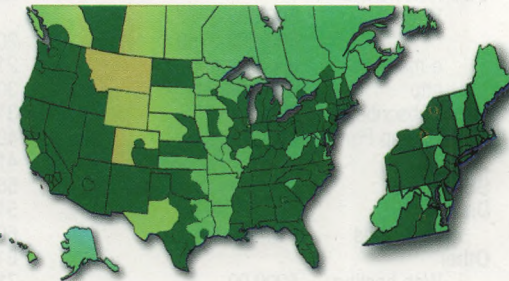
Voice 818-218-8567
e-mail isp@pasadena.net
http www.pasadena.net/isp
Subscribers 5250
Dial-up Ports 1000

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$29.95
T-1 Line \$1500.00

AREA CODES (111)

201	202	203	205	206	208
209	210	212	213	214	215
216	217	219	302	303	305
309	310	312	313	314	315
317	330	334	352	360	401
402	403	405	407	412	413
414	415	416	419	423	502
503	504	505	508	509	510
512	513	514	515	516	517
518	520	540	541	561	601
602	603	604	606	608	609
612	614	615	616	617	619
630	701	702	704	706	707
713	714	716	717	719	770
801	803	804	805	806	810
812	813	814	815	817	818
847	860	901	904	908	909
910	912	913	914	916	919
937	941	954			



PatriotNet Inc

COMPANY INFO

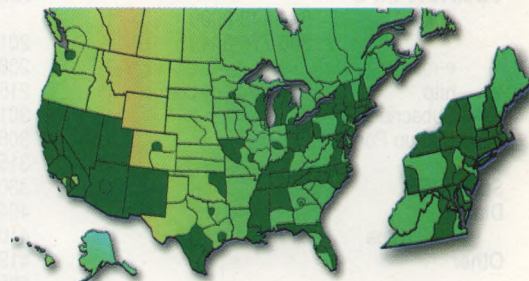
Voice 703-277-7737
e-mail info@patriot.net
http www.patriot.net
Subscribers 1002
Dial-up Ports 3100

SERVICES

Dial up
28.8 Kbps \$25.00
Other
Web hosting \$45.00
T-1 Line \$1200.00

AREA CODES (79)

201	202	203	205	206	209
210	212	213	214	215	216
301	303	305	310	312	313
314	315	317	330	401	404
407	408	410	412	413	414
415	419	423	502	503	504
505	508	510	512	513	516
517	518	520	561	601	602
603	607	609	612	614	615
616	617	619	702	703	704
707	713	714	716	717	801
804	805	813	816	860	901
904	910	914	916	918	919
954					



PowerNet Inc

COMPANY INFO

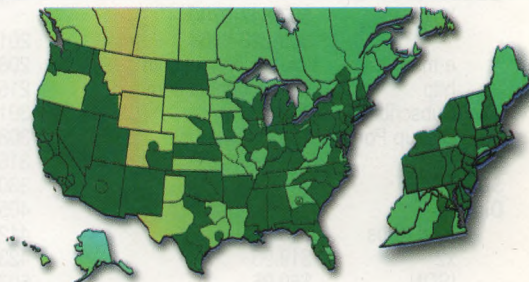
Voice 972-488-8295
e-mail service@pwrnet.com
http www.pwrnet.com
Subscribers 0
Dial-up Ports 14400

SERVICES

Dial up
28.8 Kbps \$14.95
Other

AREA CODES (105)

201	202	203	205	206	208
209	210	212	213	214	215
216	217	219	302	303	305
309	310	312	313	314	315
317	334	360	401	402	404
405	407	408	410	412	413
414	415	416	419	501	502
503	504	505	508	509	510
512	513	514	515	516	517
518	520	601	602	603	604
606	608	609	610	612	614
615	616	617	619	701	702
703	704	707	708	713	714
716	717	719	801	803	804
805	810	812	813	814	815
817	818	901	904	908	909
910	912	913	914	916	918
919	941	972			



Primenet

COMPANY INFO

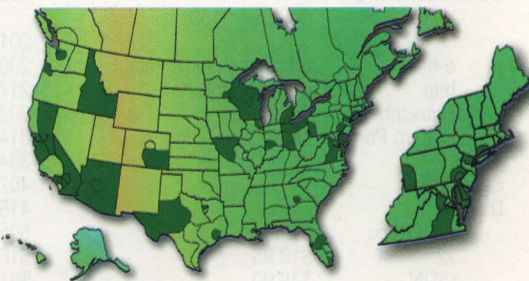
Voice 602-416-7100
800-463-8386
e-mail info@primenet.com
http www.primenet.com
Subscribers 38000
Dial-up Ports 3700

SERVICES

Dial up
28.8 Kbps \$20.95
Other
Web hosting \$39.50
T-1 Line \$1275.00

AREA CODES (49)

201	203	206	208	209	213
214	215	216	305	312	313
317	330	404	407	408	410
412	414	415	419	503	510
513	520	602	608	612	619
630	703	708	713	714	715
719	770	804	810	813	816
818	847	860	909	915	916
937					



Prodigy Internet

COMPANY INFO

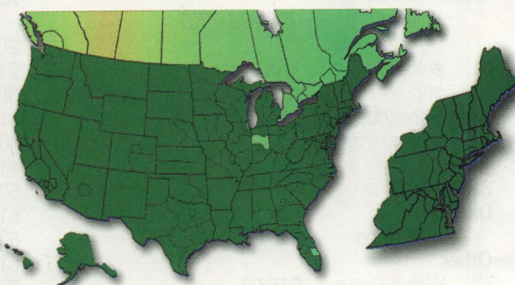
Voice 914-448-8000
800-776-3449
e-mail
http www.prodigy.com
Subscribers 0
Dial-up Ports 0

SERVICES

Dial up
28.8 Kbps \$19.95
Other

AREA CODES (147)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	307
308	309	310	312	313	314
315	316	317	318	319	320
330	334	352	360	401	402
404	405	406	407	408	409
410	412	413	414	415	417
419	423	501	502	503	504
505	507	508	509	510	512
513	515	516	517	518	520
540	541	573	601	602	603
605	606	607	608	609	610
612	614	615	616	617	618
619	630	701	702	703	704
706	707	708	712	713	714
715	716	717	718	719	757
770	773	801	802	803	804
805	806	808	810	812	813



814	815	816	817	818	847
860	864	901	903	904	906
907	908	909	910	912	913
914	915	916	918	919	937
941	954	970			

Rural Connections

COMPANY INFO

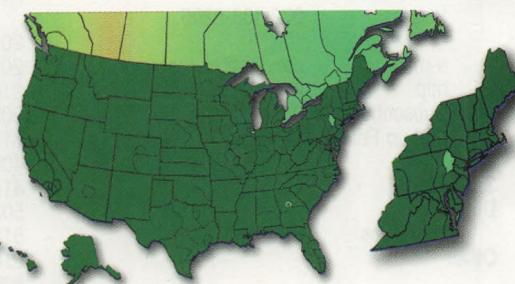
Voice 507-847-2700
800-228-6454
e-mail info@rconnect.com
http www.rconnect.com
Subscribers 4020
Dial-up Ports 754

SERVICES

Dial up
28.8 Kbps \$19.95
x2 \$19.95
ISDN \$89.95
Other
Web hosting \$25.00
T-1 Line \$750.00

AREA CODES (147)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	307
308	309	310	312	313	314
315	316	317	318	319	320
330	334	352	401	402	404
405	406	407	408	409	410
412	413	414	415	417	419
423	501	502	503	504	505
507	508	509	510	512	513
515	516	517	518	520	540
541	561	562	573	601	602
603	605	606	607	608	609
612	614	615	616	617	618
619	630	701	702	703	704
706	707	712	713	714	715
716	717	718	719	757	765
773	801	802	803	804	805
806	808	810	812	813	814



815	816	817	818	847	860
864	901	903	904	906	907
908	909	910	912	913	914
915	916	918	919	937	941
954	970	972			

Shadow Information Services Inc

COMPANY INFO

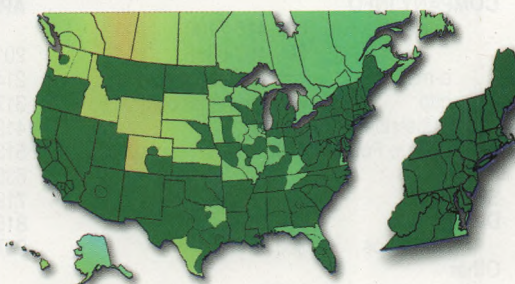
Voice 305-594-3450
e-mail admin@shadow.net
http www.shadow.net
Subscribers 0
Dial-up Ports 1480

SERVICES

Dial up
28.8 Kbps \$19.95
x2 \$19.95
ISDN \$49.90
Other
Web hosting \$24.95

AREA CODES (113)

201	202	203	205	206	207
209	212	213	214	215	216
217	218	219	281	301	302
303	304	305	310	312	313
314	315	316	317	318	330
334	401	402	404	405	406
407	408	410	412	413	414
415	419	501	502	503	504
505	508	510	512	513	515
516	517	518	520	540	541
561	601	602	603	607	608
609	610	612	614	615	616
617	619	701	702	703	704
706	713	714	716	717	719
770	801	802	803	804	805
806	810	813	814	816	817
818	847	860	864	901	908
909	910	912	914	915	916
918	919	937	941	954	



Shore.Net

COMPANY INFO

Voice 617-593-3110
e-mail info@shore.net
http www.shore.net
Subscribers 7600
Dial-up Ports 1054

SERVICES

Dial up

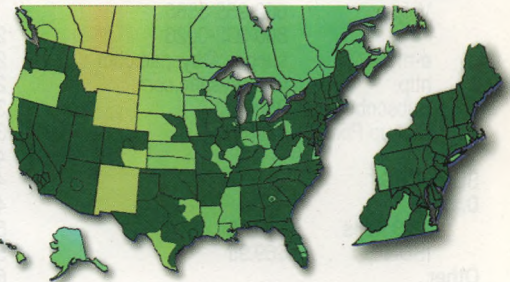
28.8 Kbps \$10.00
ISDN \$40.00

Other

Web hosting \$10.00
T-1 Line \$1045.00

AREA CODES (102)

201	202	203	205	206	207
208	209	212	213	214	215
216	217	219	301	302	303
304	305	310	312	313	314
315	317	319	334	352	360
402	404	405	407	408	409
410	413	414	415	417	419
423	501	502	503	508	509
510	512	515	518	520	602
603	607	609	610	612	614
615	616	617	619	702	703
704	706	708	713	714	716
717	801	802	803	804	805
806	812	813	814	815	816
817	818	847	860	864	901
904	908	909	910	912	914
915	916	918	919	941	970



Sprint

COMPANY INFO

Voice 913-624-3000
800-817-7755
e-mail webmaster@www.sprint.com
http www.sprint.com
Subscribers 25000
Dial-up Ports 0

SERVICES

Dial up

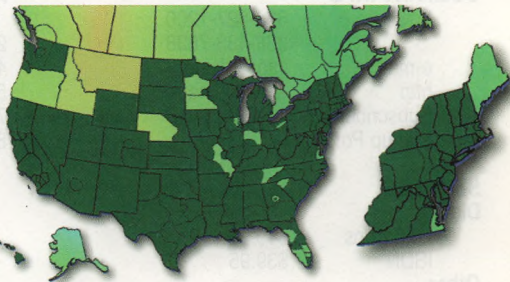
28.8 Kbps \$19.95

Other

Web hosting \$15000.00
T-1 Line \$2062.00

AREA CODES (124)

201	202	203	205	206	209
210	212	213	214	215	216
217	218	219	301	302	303
304	305	307	309	310	312
313	314	315	316	317	318
319	334	360	401	402	404
405	407	408	409	410	412
413	414	415	417	419	501
502	503	504	505	508	509
510	512	513	515	516	517
518	520	540	601	602	603
605	606	607	608	609	610
612	614	615	616	617	618
619	701	702	703	704	706
707	708	712	713	714	715
716	717	719	801	802	803
804	805	806	808	810	812
813	814	815	816	817	818
901	903	904	906	908	909
910	912	913	914	915	916



918 919 970 972

SPRYNET

COMPANY INFO

Voice 206-957-8000
800-777-9638
e-mail info@sprynet.com
http www.sprynet.com
Subscribers 230000
Dial-up Ports 0

SERVICES

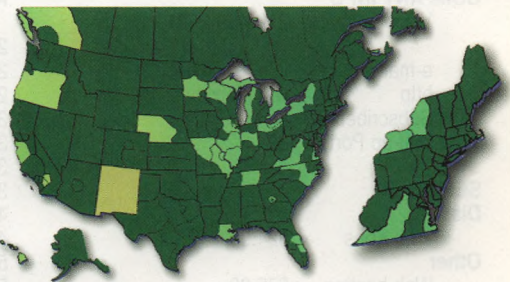
Dial up

28.8 Kbps \$19.95

Other

AREA CODES (128)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	218	219	301	302
303	304	305	306	307	309
310	312	313	316	317	318
319	334	352	360	401	402
403	404	405	406	409	410
412	413	414	415	416	417
418	423	501	502	503	506
507	508	509	510	512	513
514	515	516	517	518	520
601	602	603	604	605	606
607	608	609	610	612	613
614	617	619	701	702	703
704	705	706	707	708	709
712	713	717	719	801	802
803	804	805	806	807	810
812	813	814	817	818	819
847	860	864	901	902	903
904	905	907	908	912	913



914 915 916 918 919 941
954 970

Systems Solutions

COMPANY INFO

Voice 602-955-5566
800-232-0026
e-mail support@sypac.com
http www.sypac.com
Subscribers 2500
Dial-up Ports 12000

SERVICES

Dial up

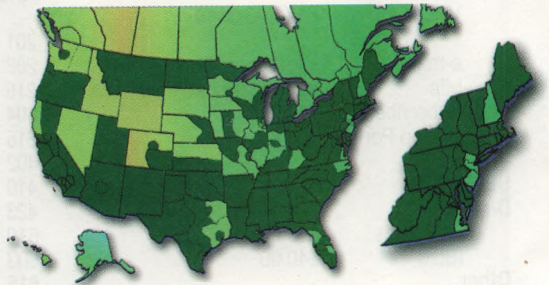
28.8 Kbps \$19.95
ISDN \$69.95

Other

Web hosting \$30.00
T-1 Line \$1250.00

AREA CODES (107)

202	203	205	206	207	209
210	212	213	214	215	216
217	218	219	301	302	303
304	305	310	312	313	314
315	316	317	318	330	334
401	402	404	405	406	407
408	410	412	413	414	415
419	423	501	502	503	504
505	508	510	512	513	515
516	517	518	520	540	541
601	602	607	608	610	612
614	615	616	617	619	701
703	704	706	713	714	716
717	719	770	801	802	803
804	805	806	810	813	814
816	817	818	847	860	864
901	904	909	910	912	914
915	916	918	941	954	



TDSNET

COMPANY INFO

Voice 608-827-1200
888-483-7638
e-mail info@tds.net
http www.tds.net
Subscribers 14025
Dial-up Ports 0

SERVICES

Dial up

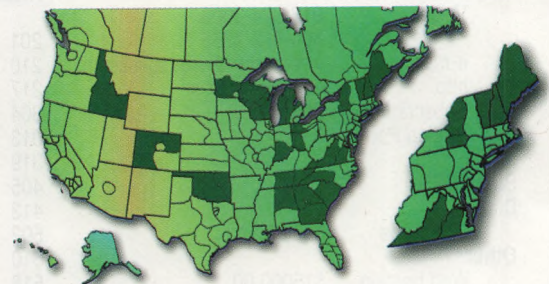
28.8 Kbps \$19.95
ISDN \$39.95

Other

Web hosting \$30.00
T-1 Line \$1625.00

AREA CODES (30)

205	207	208	315	317	320
405	414	419	423	513	517
540	603	607	608	615	616
704	706	715	770	802	803
804	809	812	912	918	970



TEK Interactive Group, Inc.

COMPANY INFO

Voice 219-459-2521
e-mail info@mixi.net
http www.mixi.net
Subscribers 8
Dial-up Ports 32

SERVICES

Dial up

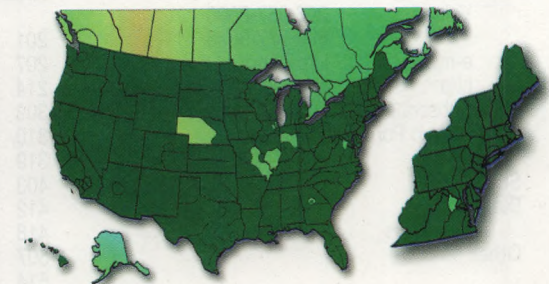
28.8 Kbps \$24.95

Other

Web hosting \$75.00
T-1 Line \$9999.00

AREA CODES (136)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	301
302	303	304	305	307	309
310	312	313	314	315	316
317	318	319	320	330	334
352	360	401	402	404	405
406	407	408	409	410	412
413	414	415	417	419	423
501	502	503	504	505	507
508	509	510	512	513	515
516	517	518	520	540	541
561	601	602	603	605	606
607	608	609	610	612	614
615	616	617	619	701	702
704	706	707	708	712	713
714	715	716	717	719	757
801	802	803	804	805	806
808	810	812	813	814	815
816	817	818	847	860	864



901	903	904	908	909	910
912	913	914	915	916	918
919	941	954	970		

TOAST.net

COMPANY INFO

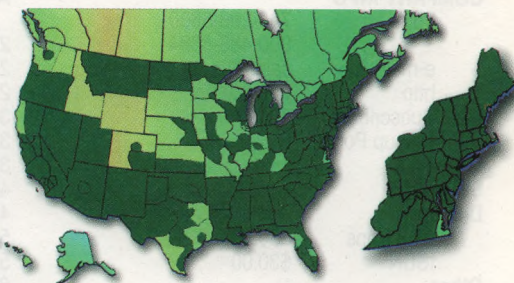
Voice 419-292-2200
888-862-7863
e-mail sales@toast.net
http www.toast.net
Subscribers 102
Dial-up Ports 20000

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$29.95
Other

AREA CODES (114)

201	202	203	205	206	207
209	212	213	214	215	216
217	218	219	281	301	302
303	304	305	310	312	313
314	315	316	317	318	330
334	401	402	404	405	406
407	408	410	412	413	414
415	419	423	501	502	503
504	505	508	510	512	513
515	516	517	518	520	540
541	601	602	603	607	608
609	610	612	614	615	616
617	619	701	702	703	704
706	713	714	716	717	719
770	801	802	803	804	805
806	810	813	814	816	817
818	847	860	864	901	904
908	909	910	912	914	915
916	918	919	937	941	954



TheOnRamp Group Inc

COMPANY INFO

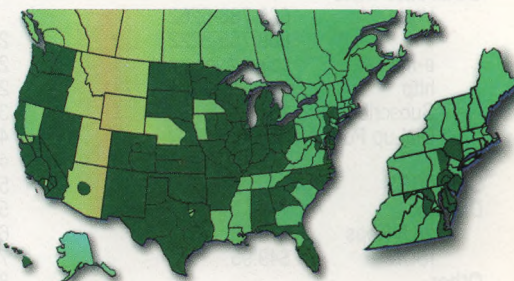
Voice 330-539-7800
800-603-2721
e-mail sales@theonramp.net
http www.theonramp.net
Subscribers 0
Dial-up Ports 10000

SERVICES

Dial up
28.8 Kbps \$14.95
Other

AREA CODES (99)

205	206	209	210	215	216
217	218	219	281	301	302
303	305	309	310	312	313
314	316	317	319	320	330
334	360	402	404	405	407
408	409	410	414	417	419
501	502	503	505	509	512
513	515	517	541	561	573
602	605	606	608	609	610
612	614	616	618	619	630
701	702	703	704	706	707
708	713	714	715	719	757
765	770	805	806	808	810
812	813	815	816	817	818
847	864	903	904	909	910
913	914	915	918	919	941
954	970	972			



TumbleWeed Internet Hub, LLC

COMPANY INFO

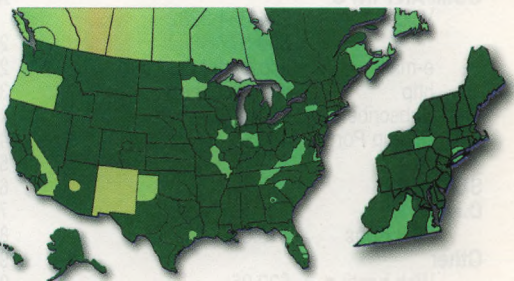
Voice 512-426-7160
e-mail info@mail.webportal.net
http www.webportal.net
Subscribers 3625
Dial-up Ports 68000

SERVICES

Dial up
28.8 Kbps \$15.00
ISDN \$30.00
Other
Web hosting \$55.00
T-1 Line \$700.00

AREA CODES (129)

201	202	203	205	206	207
208	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	307
308	310	312	313	314	315
316	317	318	319	334	360
401	402	404	405	406	407
408	409	410	412	413	414
415	416	417	418	419	501
502	504	507	508	509	510
512	513	514	515	517	518
519	520	601	603	605	606
608	609	610	612	613	614
615	616	617	618	701	702
703	704	705	706	707	708
712	714	715	716	717	718
719	801	802	803	804	805
808	809	810	812	813	814
815	816	817	818	901	903
904	907	908	909	910	912



913 914 915 916 917 918
919 941 970

UUNET Technologies Inc

COMPANY INFO

Voice 703-206-5600
800-488-6384
e-mail sales@uu.net
http www.uu.net
Subscribers 50000
Dial-up Ports 0

SERVICES

Dial up

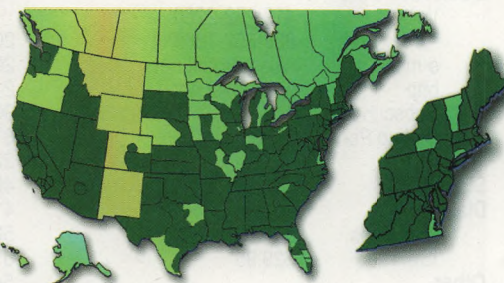
28.8 Kbps \$30.00
ISDN \$30.00

Other

Web hosting \$300.00
T-1 Line \$1250.00

AREA CODES (111)

201	202	203	205	206	207
208	209	212	213	214	215
216	217	219	301	302	303
304	305	309	310	312	313
314	315	316	317	318	334
360	401	402	404	405	407
408	409	410	412	413	414
415	417	419	423	501	502
503	504	508	510	512	513
515	516	518	520	540	601
602	603	605	606	608	609
610	612	614	615	616	617
619	702	703	704	706	707
708	713	714	716	717	719
770	801	803	804	805	806
810	812	813	814	815	816
817	818	847	901	904	908
909	910	912	913	914	915
916	918	919			



VACA Inc

COMPANY INFO

Voice 609-786-5262
888-755-8222
e-mail sales@vaca.net
http www.vaca.net
Subscribers 162
Dial-up Ports 33000

SERVICES

Dial up

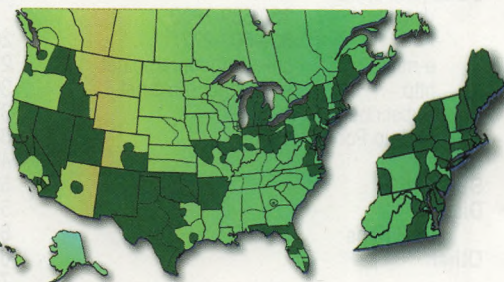
28.8 Kbps \$18.95
ISDN \$49.95

Other

Web hosting \$49.95
T-1 Line \$1895.00

AREA CODES (72)

201	202	203	206	207	208
209	210	212	213	214	215
216	217	219	302	303	305
312	313	314	315	317	401
404	405	407	408	410	412
415	419	501	503	505	508
509	510	512	513	516	517
518	602	603	607	609	614
616	617	619	702	703	713
714	716	717	719	801	804
806	810	813	816	817	818
904	914	915	916	918	919



Vnet Internet Access

COMPANY INFO

Voice 704-334-3282
800-377-3282
e-mail info@vnet.net
http www.vnet.net
Subscribers 7250
Dial-up Ports 180

SERVICES

Dial up

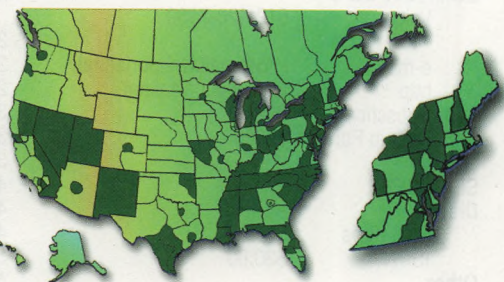
28.8 Kbps \$19.95

Other

Web hosting \$39.95
T-1 Line \$1250.00

AREA CODES (61)

201	202	205	206	210	212
213	214	215	216	303	305
312	313	314	315	317	401
404	407	410	412	414	415
423	502	503	504	505	512
513	518	601	602	603	609
612	614	615	616	617	619
702	704	713	714	716	717
801	803	804	813	816	860
901	904	910	914	916	918
919					



Voyager Online LLC

COMPANY INFO

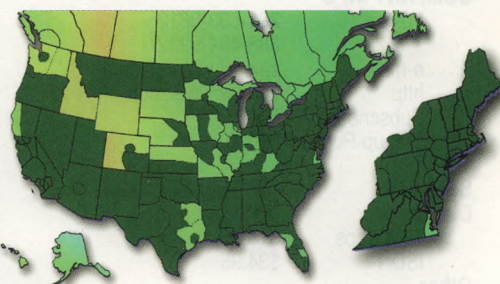
Voice 423-209-2929
888-209-2929
e-mail info@voyageronline.net
http www.voyageronline.net
Subscribers 0
Dial-up Ports 1196

SERVICES

Dial up
28.8 Kbps \$19.95
ISDN \$49.95
Other
Web hosting \$50.00

AREA CODES (116)

201	202	203	205	206	207
209	210	212	213	214	215
216	217	218	219	281	301
302	303	304	305	310	312
313	314	315	316	317	318
330	334	401	402	404	405
406	407	408	410	412	413
414	415	419	423	501	502
503	504	505	508	510	512
513	515	516	517	518	520
540	541	601	602	603	607
608	609	610	612	614	615
616	617	619	701	702	703
704	706	713	714	716	717
718	719	770	801	802	803
804	805	806	810	813	814
816	817	818	847	860	864
901	904	908	909	910	912
914	915	916	918	919	937
941	954				



WebUSA Internet Services

COMPANY INFO

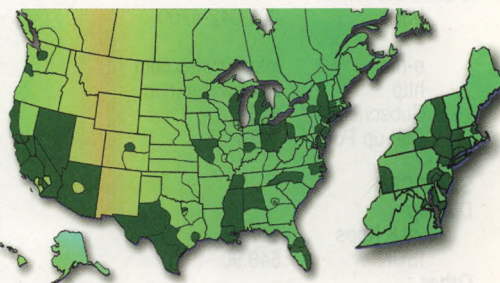
Voice 915-857-9644
888-493-2872
e-mail info@webusa.net
http webusa.net
Subscribers 0
Dial-up Ports 3000

SERVICES

Dial up
28.8 Kbps \$19.95
Other
Web hosting \$30.00

AREA CODES (56)

201	202	203	205	206	209
210	212	213	214	215	216
303	305	317	330	401	407
408	410	412	413	414	415
419	503	504	510	512	513
516	517	518	520	561	601
607	609	612	614	617	619
702	704	707	713	714	805
813	816	860	901	914	915
919	954				



Whole Earth Networks

COMPANY INFO

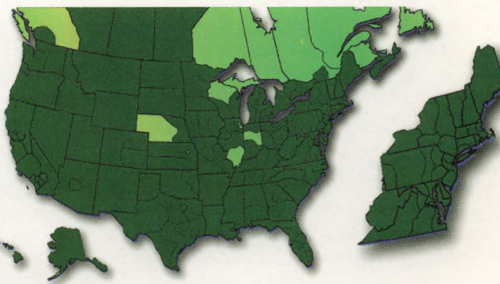
Voice 415-281-6500
800-246-6587
e-mail sales@wenet.net
http www.wenet.net
Subscribers 18053
Dial-up Ports 5200

SERVICES

Dial up
28.8 Kbps \$25.00
ISDN \$30.00
Other
Web hosting \$99.00
T-1 Line \$1185.00

AREA CODES (154)

201	202	203	204	205	206
207	208	209	210	212	213
214	215	216	217	218	219
301	302	303	304	305	306
307	309	310	312	313	314
315	316	317	318	319	320
330	334	352	360	401	402
403	404	405	406	407	408
409	410	412	413	414	415
416	417	418	419	423	501
502	503	504	505	507	508
509	510	512	513	514	515
516	517	518	519	520	540
541	561	573	601	602	603
604	605	606	607	608	609
610	612	613	614	615	616
617	619	630	701	702	703
704	706	707	712	713	714
716	717	719	757	770	773
787	801	802	803	804	805



806	808	810	812	813	814
815	816	817	818	847	860
864	901	902	903	904	905
907	908	909	910	912	913
914	915	916	918	919	937
941	954	970	972		

Why Web Internet Services

COMPANY INFO

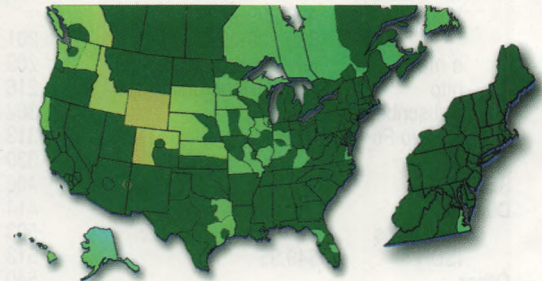
Voice 206-593-8612
888-494-9932
e-mail sales@whyweb.com
http www.whyweb.com
Subscribers 2500
Dial-up Ports 80000

SERVICES

Dial up
28.8 Kbps \$15.95
ISDN \$34.95
Other
Web hosting \$12.00

AREA CODES (126)

201	202	203	204	205	206
207	209	210	212	213	214
215	216	217	218	219	281
301	302	303	304	305	306
310	312	313	314	315	316
317	318	330	334	401	402
403	404	405	406	407	408
410	412	413	414	415	416
418	419	423	501	502	503
504	505	508	510	512	513
514	515	516	517	518	519
520	540	541	601	602	603
604	607	608	609	610	612
613	614	615	616	617	619
701	702	703	704	706	713
714	716	717	719	770	801
802	803	804	805	806	810
813	814	816	817	818	847
860	864	901	902	904	905
908	909	910	912	914	915



916 918 919 937 941 954

World Web Internet Services Inc

COMPANY INFO

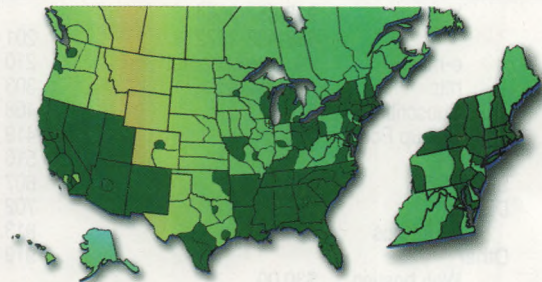
Voice 205-942-4700
e-mail info@wwisp.com
http www.wwisp.com
Subscribers 12521
Dial-up Ports 1228

SERVICES

Dial up
28.8 Kbps \$17.95
ISDN \$49.90
Other
Web hosting \$50.00
T-1 Line \$1200.00

AREA CODES (87)

201	202	203	205	206	209
210	212	213	214	215	216
303	305	310	312	313	314
315	317	318	330	334	352
401	404	407	408	410	412
413	414	415	419	423	501
502	503	504	505	508	510
512	513	516	517	518	520
561	601	602	603	607	609
612	614	615	616	617	619
702	704	706	707	713	714
716	717	770	801	803	804
805	813	816	860	864	901
904	910	912	914	916	918
919	941	954			



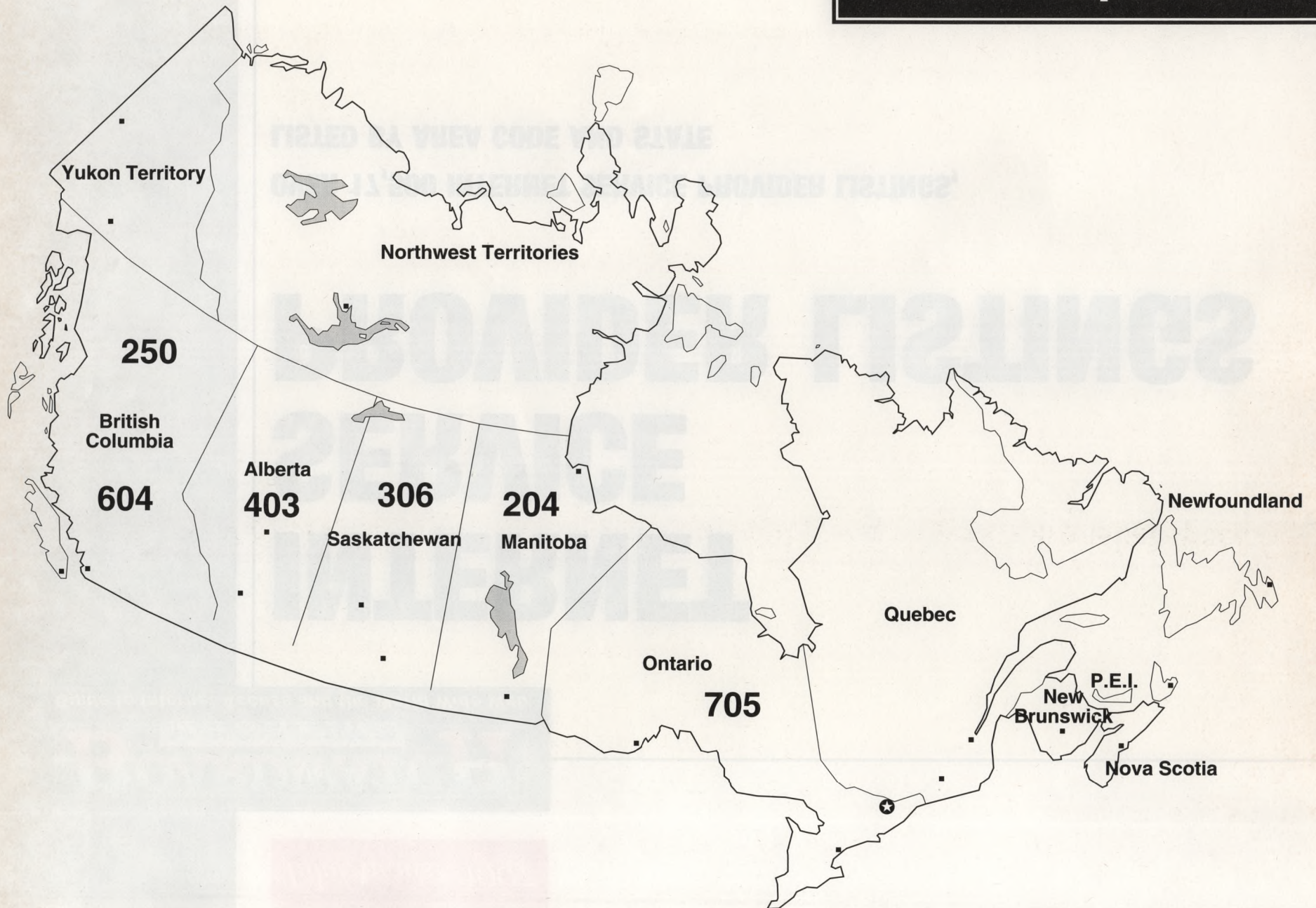
July/August 1997



INTERNET SERVICE PROVIDER LISTINGS

**OVER 17,500 INTERNET SERVICE PROVIDER LISTINGS,
LISTED BY AREA CODE AND STATE**

Area Code Map of Canada

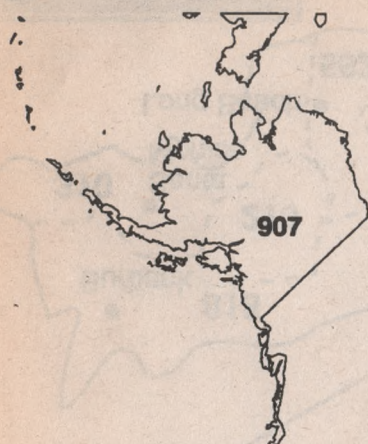


Area Code Maps of the United States

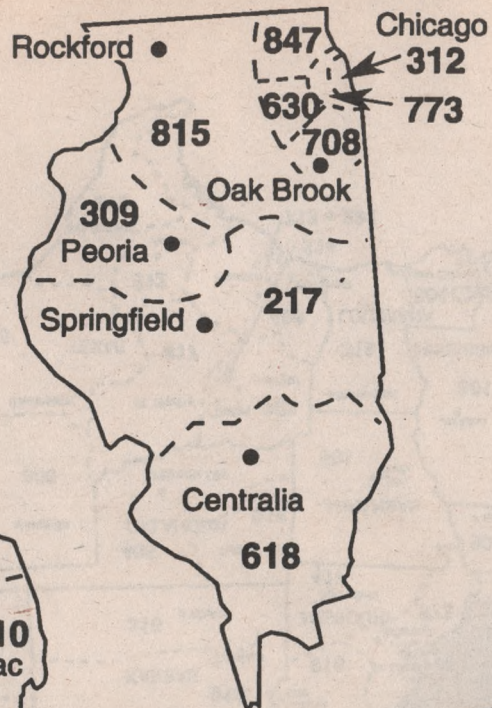


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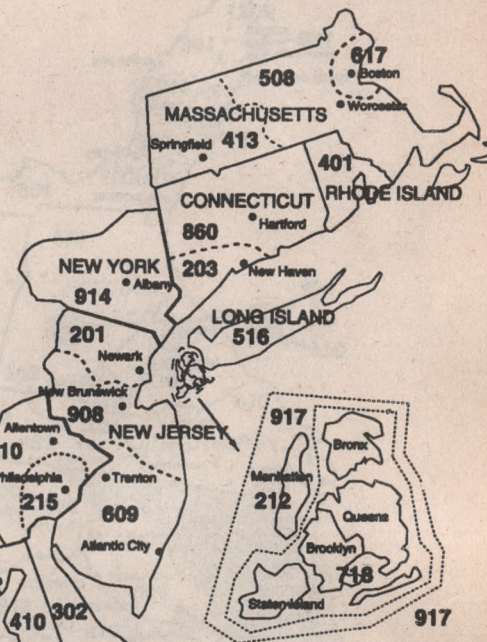
Alaska



Illinois



Northeast U.S.



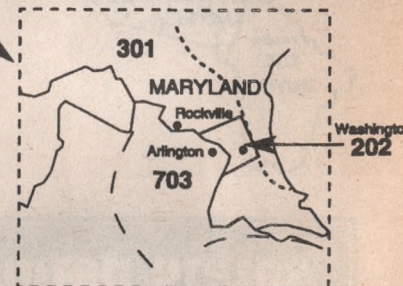
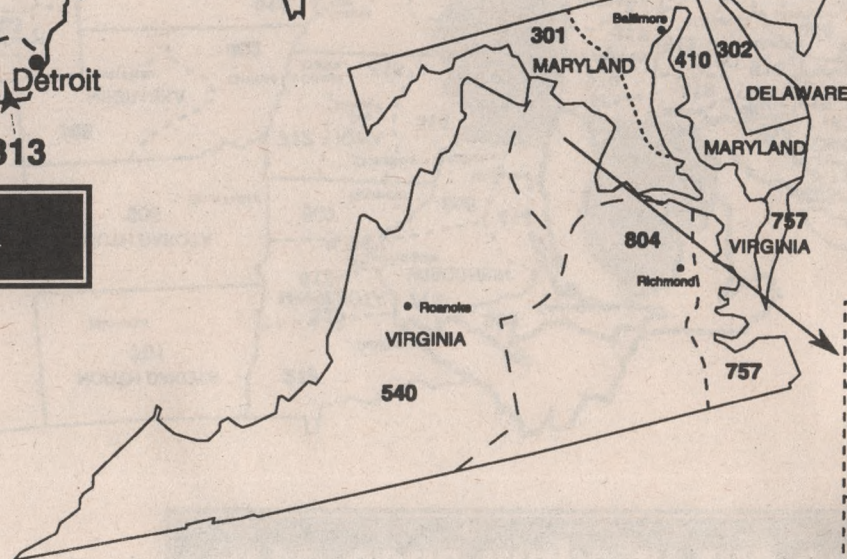
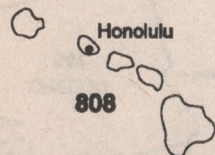
Michigan



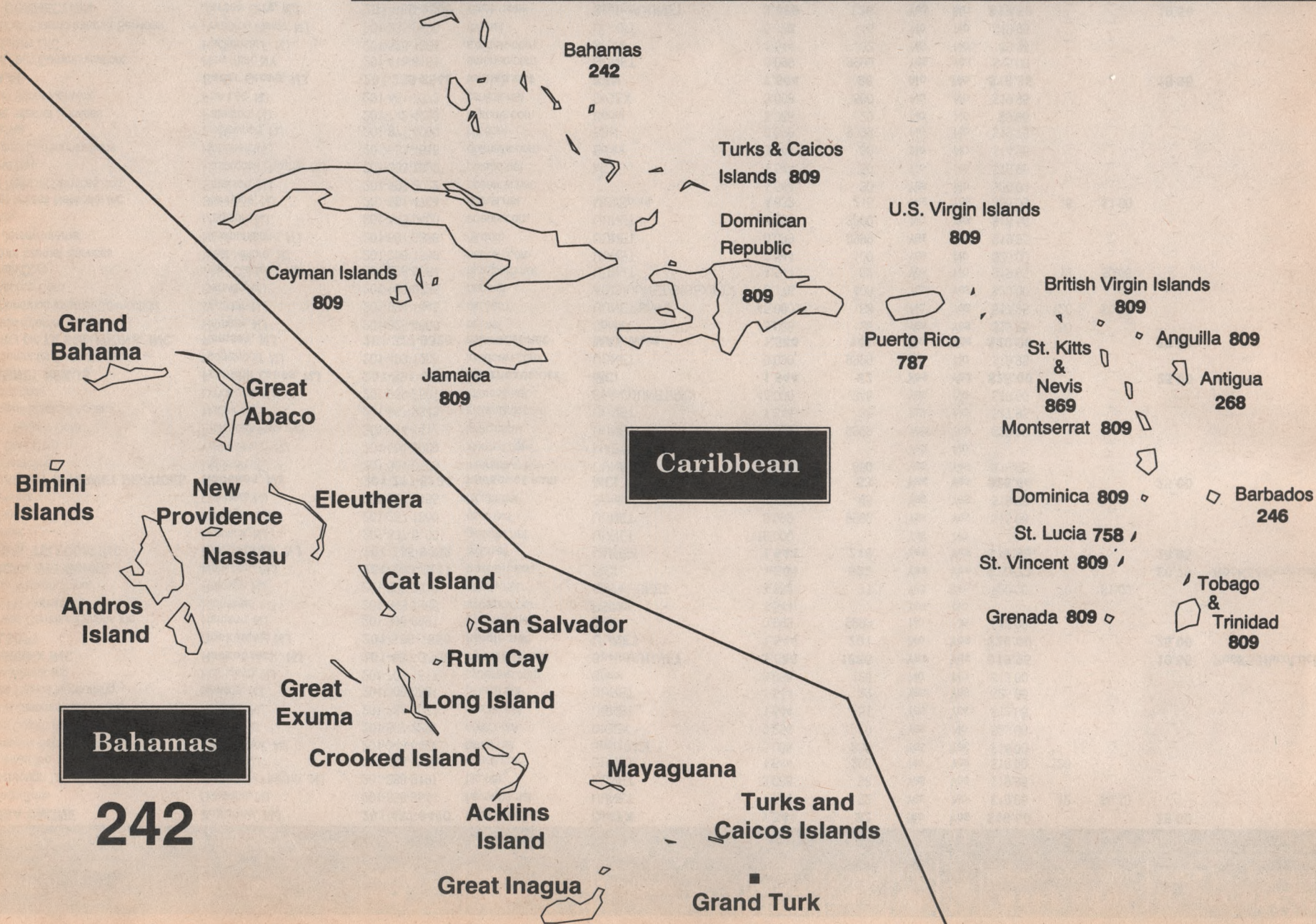
Honolulu

808

Hawaii



Area Code Maps of The Caribbean and The Bahamas



PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
201 Area Code ♦ NEW JERSEY													
AGORA ONLINE	Bayonne, NJ	201-437-6440	agoron.com	DIGEX	1.544	32	No	Yes	\$15.50	-	-	25.00	x2
BayTech Corp	Bayonne, NJ	201-858-9544	bayonne.net	UUNET	1.544	32	Yes	No	\$19.95	12	\$0.10	-	-
Breakthrough Technologies Co	Hasbrouck Heights, NJ	201-288-9191	btc.net	UUNET	3.088	98	Yes	Yes	\$19.95	-	-	-	-
Carroll-Net Inc	Bogota, NJ	201-488-1332	carroll.com	UUNET	1.544	200	No	Yes	\$18.00	120	-	-	-
Community School Networks, Inc.	Hackensack, NJ	201-343-6427	csnet.net	Sprint/MCI	3.088	239	Yes	Yes	\$18.00	-	-	-	-
Cortex Communications	Tenafly, NJ	201-567-2297	cortx.com	DIGEX	0.256	20	Yes	No	\$20.00	-	-	-	-
Crusoe Communications Inc	Fairfield, NJ	201-882-1022	crusoe.net	UUNET	1.544	51	Yes	Yes	\$19.95	-	-	-	-
Crystal Palace Networking	Newton, NJ	201-300-0881	palace.net	UUNET	1.544	22	Yes	Yes	\$25.00	-	-	-	-
Cyber Warrior Inc	Fair Lawn, NJ	201-703-1517	cyberwar.com	Sprint	3.088	128	No	No	\$15.00	-	-	-	-
CYBERNEX INC	Hackensack, NJ	201-457-3700	cybernex.net	Sprint/UUNET	3.088	1686	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
DIALSOFT	Rockaway, NJ	201-586-1550	jungle.net	UUNET	1.544	201	No	Yes	\$20.00	-	-	25.00	x2
Easyway Communications Inc	Harrison, NJ	201-998-8991	easyway.net	BBN	0.099	9999	No	No	\$13.95	-	-	-	-
Excel PC Consulting	Ridgefield, NJ	201-943-7986	excelpc.com	PSINet	1.544	-	Yes	No	-	-	-	-	-
Galaxy Networks, Inc.	Ramsey, NJ	201-825-2310	galaxy.net	Sprint/UUNET	4.632	71	Yes	Yes	\$20.00	20	\$1.00	-	-
GARDEN NETWORKS	Newton, NJ	201-300-9211	garden.net	MCI	1.544	522	Yes	Yes	\$20.77	-	-	20.77	RocK56flex/LucK56flex
GLOBAL TELECOM INC	Morristown, NJ	201-285-9099	gti.net	UUNET	1.544	218	Yes	Yes	\$19.95	-	-	24.95	x2
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-
GSI Net Inc	Parsippany, NJ	201-257-1800	gsini.net	UUNET	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
HiCom Inc	Oakland, NJ	201-227-5455	hicom.net	Sprint	1.544	45	Yes	Yes	\$19.95	-	-	-	-
HUDSONET INTERNET SERVICES	Hoboken, NJ	201-217-8284	hudsonet.com	MCI	3.088	53	Yes	Yes	\$25.00	-	-	25.00	x2
IBS interactive	Madison, NJ	201-301-0700	interactive.net	UUNET	10.000	650	Yes	Yes	\$19.95	-	-	-	-
Icon CMT Corp	Weehawken, NJ	201-601-2000	iconnet.com	MAE West	45.000	-	Yes	No	-	-	-	-	-
INTAC Access Corp	Palisades Park, NJ	201-944-1417	intac.com	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Instantlink Internet Access	Nutley, NJ	201-667-9843	instantlink.com	UUNET	1.544	32	No	No	\$17.95	-	-	-	-
Intercall, Inc.	Lyndhurst, NJ	201-939-2501	intercall.net	Sprint/UUNET/MCI	45.000	345	Yes	No	\$19.00	-	-	-	-
INTERNET NEXUS	Franklin Lakes, NJ	201-891-6969	internexus.net	MCI	1.544	92	Yes	Yes	\$25.00	-	-	25.00	x2
MG Computer Technologies	Ridgewood, NJ	201-493-1000	lowdown.com	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
MICRO DATA SOLUTIONS, INC.	Ramsey, NJ	201-327-9320	microdsi.net	MAE West	1.544	148	No	Yes	\$20.00	-	-	20.00	x2
National Internet Source	Ramsey, NJ	201-825-4600	nis.net	Sprint	3.088	86	Yes	Yes	\$15.75	80	-	-	-
Neighborhood Internet Connection	Wyckoff, NJ	201-934-1445	nic.com	UUNET/Sprint	45.000	88	No	Yes	\$17.95	120	\$0.50	-	-
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00	-	-	-	-
NetPath Corp	West Caldwell, NJ	201-228-6264	njnetpath.net	UUNET	1.544	32	Yes	No	\$19.95	12	\$0.05	-	-
NetRom Internet Services	West Milford, NJ	201-208-1339	netrom.com	UUNET	1.544	100	Yes	No	\$20.00	-	-	-	-
New Jersey Internet	Newfoundland, NJ	201-697-3338	nji.com	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-
Planet Access Networks Inc	Stanhope, NJ	201-691-4704	planet.net	MCI/Sprint	4.632	215	Yes	Yes	\$35.00	6	\$1.00	-	-
PMH Network Services, Inc.	Emerson, NJ	201-599-2022	opcenter.net		1.544	30	Yes	No	\$20.00	-	-	-	-
Poland.Net	Hasbrouck Heights, NJ	201-393-7090	poland.net	MCI	1.544	50	No	No	\$19.95	-	-	-	-
Quantize Communications	Hoboken, NJ	201-653-4616	quantize.com	Sprint	1.544	30	No	No	\$14.95	-	-	-	-
QuickNet	Englewood, NJ	201-871-4090	hili.com	BBN	0.099	9999	No	No	\$19.75	-	-	-	-
Sigma Internet Services	Paterson, NJ	201-742-4200	sigmais.com	Sprint	3.088	20	No	No	\$9.95	-	-	-	-
Silicon Super Network	Fort Lee, NJ	201-461-7373	ssnlink.net	DIGEX	3.088	500	No	No	\$19.95	-	-	-	-
SIMLAB	Cedar Grove, NJ	201-239-8548	simlab.net	BBN	1.544	96	No	No	\$19.95	-	-	19.95	x2
Smart Tech Communications	New York, NY	201-418-8181	smartec.com	UUNET	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
SurfXpress LLC	Hackensack, NJ	201-525-1304	sxpress.com	Sprint	1.544	32	No	No	\$9.94	-	-	-	-
The Body Electric Internet Services	Pompton Plains, NJ	201-835-9696	tbe.net	UUNET	0.128	16	No	No	\$19.95	-	-	-	-
THE CONNECTION	Jersey City, NJ	201-659-0300	cnct.com	Sprint/UUNET	3.088	126	Yes	No	\$19.50	-	-	19.50	x2
Tradewind Net Access Inc	Montclair, NJ	201-509-5060	tradewind.net	UUNET	1.544	36	No	No	\$9.95	10	\$2.00	-	-
Trilogy On-Line Network	Bergenfield, NJ	201-439-1996	trilogy.net	Sprint	1.544	56	No	No	\$15.00	-	-	-	-
ULTRACOM INTERNET TECHNOL.	West Paterson, NJ	201-278-3007	ultracom.net	DIGEX	1.544	286	Yes	Yes	\$19.95	-	-	24.95	RocK56flex/LucK56flex

VICON CORP	Montclair, NJ	201-746-4222	viconet.com	UUNET	6.176	323	Yes	Yes	\$14.99			24.95	x2
WebExpert Corp	East Hanover, NJ	201-884-8622	webexpert.net	Sprint	0.099	9999	No	Yes	\$9.95	-	-	-	-
AMERICAN DATANET, INC.	Melville, NY	516-777-7778	americandata.net	UUNET	0.099	9999	Yes	Yes	\$16.95			16.95	x2
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Advanced Systems Automation Inc	Edison, NJ	908-396-4340	asanet.com	UUNET/BBN	3.088	96	Yes	Yes	\$15.00	40	-	-	-
AllNet Technology Services Inc	Allamuchy, NJ	908-979-1620	world2u.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-	-	-	-
BrainLINK International	Richmond Hill, NY	718-805-6559	brainlink.com	Sprint	1.544	55	Yes	Yes	\$20.00	-	-	-	-
Computer Connections Network	Elizabeth, NJ	908-558-1212	ccnis.net	MCI	1.544	50	No	No	\$17.95	-	-	-	-
Conquer Network	New York, NY	718-940-0792	conquer.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
CyberComm Online Services	Toms River, NJ	908-818-3333	cybercomm.net	UUNET	3.088	325	No	No	\$20.00	-	-	-	-
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-
Eden East, Inc.	Morganville, NJ	908-970-0680	edeneast.com	UUNET	1.544	156	No	No	\$15.00	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95			19.95	x2
IN Jersey	Neptune, NJ	908-922-0770	injersey.com	UUNET	0.099	9999	No	No	\$24.95	60	-	-	-
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99			35.00	x2
INET COMMUNICATIONS CO	Nyack, NY	914-353-9290	qed.net	Sprint/MCI	4.628	225	Yes	Yes	\$19.95			19.95	x2
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	-
Internet Channel	New York, NY	212-243-5200	inch.com	UUNET/Genuity	45.000	300	Yes	No	\$25.00	-	-	-	-
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50	-	-	-	-
Lightning Internet Services LLC	Mineola, NY	516-248-8400	lightning.net	AGIS/Sprint/GoodNet	45.000	23	Yes	Yes	-	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
Mark A Fry & Associates, Inc.	Whitehouse Station, NJ	908-534-5881	blast.net	Sprint/UUNET	6.176	198	Yes	Yes	\$18.95	-	-	-	-
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50			9.50	RockK56flex
METROCON COMMUNICATIONS	New York, NY	212-661-6800	metrocon.com	Sprint/MCI	18.528	345	Yes	Yes	\$24.95			24.95	RockK56flex
MHVNet, Inc	Hyde Park, NY	914-473-0844	mhv.net	Sprint	1.544	917	Yes	Yes	\$9.95	30	-	-	-
MicroFone InfoService	Metuchen, NJ	908-548-7201	microfone.net	Sprint/MCI	3.088	52	No	No	\$13.95	-	-	-	-
Mikayola Intl Comm Network	East Brunswick, NJ	908-651-2001	mikayola.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Mnematics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504	-	-	-
Neptune Interactive Comm	Alexandria, VA	703-924-9234	nicom.com	UUNET	0.099	9999	No	No	\$10.00	-	-	-	-
Network Design & Integration	Union, NJ	908-810-7747	ndi.net	UUNET	1.544	16	Yes	No	\$15.99	-	-	-	-
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	-
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
OmniNET International, Inc.	Princeton, NJ	609-734-7420	omniconnect.com	AGIS	3.088	440	Yes	Yes	\$17.95	-	-	-	-
ProLog	Palmerton, PA	610-826-6130	pld.net	ANS/UUNET	44.776	2477	Yes	Yes	\$19.95	-	-	-	-
Public Access Networks Corp	New York, NY	212-741-4400	panix.com	MCI	45.000	300	Yes	No	\$35.00	-	-	-	-
SPYRALNET LLC	Nyack, NY	914-348-7676	spyral.net	DIGEX	1.600	192	No	Yes	\$19.95			29.95	x2
SuperLink	Milltown, NJ	908-828-8988	superlink.net	UUNET/Sprint	3.088	600	Yes	No	\$21.95	-	-	-	-
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
Tekconnect Inter-Networks	Cherry Hill, NJ	609-751-9595	tekconnect.net	MCI	3.088	96	Yes	Yes	-	-	-	-	-
The Cabbage Patch Internet Service	Blairstown, NJ	908-362-5465	cpatch.com	Sprint	1.544	32	No	No	\$20.00	30	\$1.00	-	-
The Soho Internetwork Co	New York, NY	212-962-7646	sohonet.com	UUNET	3.088	12	Yes	No	\$30.00	40	\$1.00	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00			15.00	x2
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00			35.00	x2
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-	-	-	-
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-
Voyager Networks	New York, NY	212-571-2000	voyagernet.com	MCI	45.000	-	Yes	No	-	-	-	-	-
WEB EXPRESS INC	Bridgewater, NJ	908-722-2211	webex.net	Sprint	11.544	248	Yes	Yes	\$25.00			300.00	x2
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
202 Area Code ♦ DISTRICT OF COLUMBIA													
Allied Telecom Group	Washington, DC	202-541-9000	alliedtelecom.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
CAPCON Library Network	Washington, DC	202-331-5771	capcon.net	UUNET	1.544	100	No	No	\$27.00	-	-	-	-
Cyber Connection Corp	Washington, DC	202-944-9700	cyberconnection.com	UUNET	0.099	-	Yes	No	-	-	-	-	-
Hermes Internet Service	Washington, DC	202-646-1640	hermesnet.net	CAIS	1.544	55	Yes	No	\$20.00	-	-	-	-
Micro Access	Washington, DC	202-529-5001	mat.net	Sprint	0.099	9999	No	No	\$25.00	6	\$1.00	-	-
Potomac Internet	Washington, DC	202-331-8989	potomac.net	UUNET	1.544	100	No	No	\$18.00	-	-	-	-
World Data	Washington, DC	202-785-6800	worlddata.com	MCI	1.544	100	Yes	Yes	-	-	-	-	-
AAA NETWORKS	Falls Church, VA	703-237-7400	aaanetworks.net	PSINet	30.000	48	Yes	Yes	-	-	-	95.00	x2
ABSNET INTERNET SERVICES	Baltimore, MD	410-361-8160	abs.net	CAIS	45.000	300	Yes	Yes	\$15.00	90	\$1.00	15.00	RocK56flex
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Addis Internet Services, Inc.	Silver Spring, MD	301-585-1200	addis.net	Sprint	1.544	48	Yes	No	\$19.00	-	-	-	-
Alma Internet Services	Herndon, VA	703-716-3294	alma.net	MCI	3.088	60	Yes	Yes	\$14.00	-	-	-	-
American Business Associates, Inc.	Stafford, VA	540-720-7541	aba2net.com	Sprint	1.544	15	No	No	\$15.00	-	-	-	-
American Infomation Network	Columbia, MD	410-715-6809	ai.net	UUNET	45.000	-	Yes	No	-	-	-	-	-
Annapolis Internet Inc	Annapolis, MD	410-571-8600	annapolis.net	MCI	1.544	70	Yes	Yes	\$19.95	180	\$0.25	-	-
ARInternet Corp	Landover, MD	301-459-7171	ari.net	Sprint	1.544	200	No	No	\$17.95	12	\$1.00	-	-
Arlington Software Exchange	Arlington, VA	703-538-4380	ase.com	CAIS	0.056	8	No	No	\$10.00	-	-	-	-
ATCALL Inc	Arlington, VA	703-522-5252	atcall.com	MCI	1.544	48	No	No	\$12.00	30	-	-	-
Atlantech Online Inc	Laurel, MD	301-593-2794	atlantech.net	UUNET/PSINet	0.099	9999	Yes	No	\$19.00	-	-	-	-
Avatar Systems Development Inc	Fairfax, VA	703-691-4343	huskynet.com	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
Bethesda Online Organization	Bethesda, MD	301-657-0863	boo.net	UUNET	1.544	32	No	No	\$14.95	-	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-
CAPITAL CITY CYBERLINK	Rockville, MD	301-517-5647	dclink.com	UUNET	1.544	155	No	No	\$10.00	-	-	10.00	x2
Charm Net Inc	Baltimore, MD	410-558-3900	charm.net	Sprint/MCI/CAIS	13.088	323	Yes	Yes	\$25.00	-	-	-	-
CITI	Vienna, VA	703-847-7799	citi.net	Sprint	0.099	9999	Yes	No	\$9.95	2	\$1.50	-	-
Clark Internet Services Inc	Columbia, MD	410-995-0550	clark.net	AGIS/Sprint	0.099	9999	Yes	Yes	\$19.00	-	-	-	-
Commercial Internet Services, LLC	Herndon, VA	703-709-8423	commint.com	MAE East	10.000	-	Yes	No	-	-	-	-	-
COMMUNICATIONS Plus	Rockville, MD	301-294-3400	comm-plus.net	CWIX	1.544	200	No	No	\$10.50	-	-	-	-
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-	-
Crystal Quill Internet Services	Arlington, VA	703-241-7101	cqi.com	Sprint	1.544	80	Yes	No	\$9.95	-	-	-	-
CYBER REALM	Rockville, MD	301-947-0100	cyberrealm.net	BBN	45.000	264	Yes	Yes	\$17.99	-	-	29.00	x2
Cyber Services Inc	Vienna, VA	703-749-9590	cs.com	UUNET	3.088	50	Yes	No	\$15.00	-	-	-	-
CYBERHOST, INC.	Arlington, VA	703-527-3400	cyberhost.com	CWIX	1.544	78	No	Yes	\$25.00	-	-	35.00	LucK56flex
D&R Systems Inc	Clinton, MD	301-203-1996	drsyste.ms.com	MCI	3.088	25	No	No	\$20.00	-	-	-	-
DCS Online	Waldorf, MD	301-932-7120	dcsol.com	Sprint	0.256	24	No	No	\$10.00	-	-	-	-
Delta One	Chantilly, VA	703-715-9222	delta1.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
DIGINET COMMUNICATIONS, INC.	Sterling, VA	703-736-9800	diginetusa.net	UUNET/MCI	45.000	130000	Yes	Yes	\$19.95	-	-	19.95	LucK56flex
Digital Gateway Systems Inc	Vienna, VA	703-749-2884	dgsys.com	Sprint	0.099	9999	Yes	No	\$25.00	180	\$1.00	-	-
digitalNATION Inc	Alexandria, VA	703-642-2800	dn.net	AGIS/MAE East/Sprint/MCI	23.088	250	Yes	No	\$12.50	-	-	-	-
DOUBLE D NETWORK SERVICES	Woodbridge, VA	703-492-6636	doubled.com	Sprint	0.128	31	No	No	\$6.95	60	-	6.95	x2
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
Dragon Sports	Hughesville, MD	301-645-3416	dsport.com	MAE East	1.544	16	No	No	\$13.75	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Flying Penguin Productions Ltd	Arlington, VA	703-358-9219	penguin.net	MAE East	1.544	-	Yes	No	-	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
Heller Information Services	Rockville, MD	301-946-8600	his.com	Sprint	0.099	9999	No	Yes	\$30.00	180	\$1.00	-	-
i2020	Richmond, VA	804-649-1800	i2020.net	MCI	10.000	1600	Yes	Yes	\$20.00	-	-	-	-
IMS INTERCOM	Clinton, MD	301-856-2706	imssys.com	MCI	1.544	68	Yes	No	\$18.95	-	-	31.00	x2

Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
Informational Superhighway Systems	New Haven, CT	203-389-6921	issystems.com	UUNET	1.544	100	No	No	\$9.95	-	-	-	-
Intelligent Decisions	Chantilly, VA	703-803-8070	intelligent.net	DIGEX	0.099	9999	No	Yes	\$90.00	-	-	-	-
Internet Express Inc	Damascus, MD	301-253-1500	x-press.net	Sprint/MCI	3.088	145	Yes	No	\$8.00	-	-	-	-
Internet Interstate	Bethesda, MD	301-652-4468	intr.net	Sprint	13.000	185	Yes	Yes	\$18.12	420	\$1.00	-	-
INVISION SYSTEMS INC.	Baltimore, MD	410-246-1691	satelink.net	MCI	43.232	80	Yes	Yes	\$18.00	-	-	50.00	x2
Isthmus Corp	Ann Arbor, MI	313-973-2100	izzy.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
KIVEX Inc	Bethesda, MD	301-215-7744	kivex.com	UUNET/MCI	45.000	-	Yes	No	-	-	-	-	-
LaserNet LLC	Fairfax, VA	703-591-4232	laser.net	UUNET	1.544	100	Yes	No	\$20.00	-	-	-	-
Magnus Computing Inc	Bel Air, MD	410-893-4643	magnus1.com	Sprint	3.088	50	Yes	No	\$8.25	-	-	-	-
Metasystems Design Group Inc	Arlington, VA	703-243-6622	trn.com	AGIS	1.544	42	No	No	\$20.00	60	\$2.00	-	-
METRONET INTERNET SERVICES	Baltimore, MD	410-246-9111	min.net	Sprint	10.000	152	Yes	Yes	\$15.00	240	\$1.00	15.00	x2
Mikayola Intl Comm Network	East Brunswick, NJ	908-651-2001	mikayola.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Monumental Network Systems	Chantilly, VA	703-631-3600	monumental.com	MCI/UUNET/CWIX/Nap.Net	6.176	1050	Yes	Yes	\$20.00	-	-	-	-
NCM	Mc Lean, VA	703-847-0040	ncm.com	Sprint/DataXchange	4.632	-	Yes	No	-	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-
NetRail, Inc	Atlanta, GA	404-522-5400	netrail.net	Netrail	0.099	9999	Yes	Yes	\$19.95	6	\$0.50	-	-
Norloff Computer Corporation	Oakton, VA	703-242-4480	os2bbs.com	Sprint	1.544	21	Yes	Yes	\$19.00	120	\$1.00	-	-
Northern Virginia Info Srvs	Gainesville, VA	703-753-9450	novais.com	MAE East	1.544	68	Yes	Yes	\$20.00	-	-	-	-
PrimaNET Communications Inc	Silver Spring, MD	301-585-4081	primanet.com	EPOCH	10.000	250	Yes	No	\$12.50	-	-	19.95	-
R&D Enterprises	Rockville, MD	301-493-6797	bus.com	MAE East	0.128	5	No	No	\$15.00	-	-	-	-
RadixNet	Oxon Hill, MD	301-567-9831	radix.net	AGIS/CAIS	4.632	356	Yes	Yes	\$19.00	-	-	-	-
ShireNet Communications Systems	Reston, VA	703-715-9452	shirenet.com	Sprint	0.512	21	No	Yes	\$18.00	300	\$1.00	-	-
Smartnet Internet Services LLC	Laurel, MD	301-470-3400	smart.net	MCI/CAIS/CWIX	7.720	229	Yes	Yes	\$15.00	-	-	-	-
Softaid Internet Services Inc	Columbia, MD	410-290-7763	softaid.net	AGIS	1.544	60	Yes	No	\$19.99	-	-	-	-
SONNETS Inc	Clifton, VA	703-502-8589	sonnets.net	Sprint	0.099	9999	No	No	\$19.00	120	\$1.50	-	-
SOUTHERN MARYLAND INTERNET	Dunkirk, MD	410-257-5400	chesapeake.net	BBN	1.544	166	Yes	No	\$19.95	-	-	19.95	x2
Strategic Office Solutions, Inc.	Olney, MD	301-924-4411	strategicoffice.com	MCI	1.544	2	Yes	Yes	-	-	-	-	-
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
Team Infinity	Greenbelt, MD	301-805-1281	teaminfinity.com	DIGEX	1.544	64	No	No	\$17.00	-	-	-	-
TELEPHONET CORP	Baltimore, MD	410-427-9000	telephonet.com	DIGEX	1.544	576	Yes	Yes	\$18.50	-	-	18.50	x2
Thoughts.Net	Annapolis, MD	410-263-3210	thoughts.net	-	45.000	-	Yes	No	-	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
TIDAL WAVE COMMUNICATIONS	Chantilly, VA	703-968-5744	tidalwave.net	UUNET	45.000	3700	Yes	Yes	\$9.50	-	-	9.50	x2
Tomco Systems Inc	Temple Hills, MD	301-423-7397	tomco.net	MCI	1.544	144	Yes	Yes	\$17.00	-	-	-	-
Ultrplex Information Provider	Laurel, MD	301-598-6879	upx.net	Sprint	0.099	9999	Yes	No	\$15.00	120	\$1.00	-	-
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-	-	-	-
US NET INCORPORATED	Silver Spring, MD	301-572-5926	us.net	Sprint/AGIS	7.720	638	Yes	Yes	\$18.95	-	-	18.95	LucK56flex
Virginia Internet Services	Springfield, VA	703-913-0823	vais.net	GoodNet	1.544	34	Yes	No	\$19.50	360	\$1.00	-	-
Virtual Networks Inc	Rockville, MD	301-738-1111	vni.net	CAIS/Sprint	0.099	9999	Yes	Yes	\$23.00	-	\$1.00	-	-
Virtual Web, Inc.	Fredericksburg, VA	540-785-9421	virtual-web.net	UUNET	7.700	190	No	Yes	\$15.95	24	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex
WizardNet Inc	Fairfax, VA	703-573-2200	wizard.net	MCI	1.544	110	No	No	\$15.00	-	-	-	-
WORLD DATA NETWORK, INC.	Reston, VA	703-648-0808	wdn.com	AGIS	1.544	54	No	Yes	\$12.00	-	-	19.95	x2
World Web Limited	Alexandria, VA	703-838-2000	worldweb.net	Sprint	45.000	1500	Yes	Yes	\$20.00	8	\$1.00	-	-
Xpress Internet Services	Germantown, MD	301-601-5050	xis.com	Sprint	0.099	9999	No	No	\$19.00	120	\$1.00	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

203 Area Code ♦ CONNECTICUT

CTConnect Communications Co	Derby, CT	203-734-6600	ctconnect.com	MCI	1.544	94	No	Yes	\$18.95	-	-	-	-
Call-Net	Woodbridge, CT	203-389-7130	callnet.com	Sprint	1.544	40	No	No	\$25.00	45	\$1.00	-	-
CyberShore Inc	Madison, CT	203-245-1175	cshore.com	BBN	1.544	40	Yes	Yes	\$10.95	20	\$1.00	-	-
Darien and New Canaan On-Line	New Canaan, CT	203-972-6265	newcanaan.com	UUNET	0.099	9999	No	No	\$4.95	4	\$2.95	-	-
DiscoverNet Inc	Stamford, CT	203-351-1178	discovernet.net	UUNET	1.544	999	Yes	No	\$19.95	-	-	-	-
East Coast Internet Inc	Danbury, CT	203-207-3230	eci.com	BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
203 Area Code ♦ CONNECTICUT													
Fly Online Communications	New Canaan, CT	203-972-7771	flyonline.net	UUNET	1.544	16	No	No	\$19.95	-	-	-	
Futuris Networks Inc	Stamford, CT	203-359-8868	futuris.net	Sprint/UUNET	1.800	4	Yes	Yes	\$29.00	45	\$1.00	-	
i-conn LLC	New Haven, CT	203-821-2575	iconn.net	Sprint/MCI	3.088	300	No	No	\$49.95	-	-	-	
INTERNET84	Danbury, CT	203-830-2122	i84.net	AGIS	1.544	216	Yes	Yes	\$15.00	-	-	19.00	Rock56flex
Kirby Information Systems	Stratford, CT	203-381-5570	kirbynet.com	DataXchange	0.099	9999	No	No	\$25.00	-	-	-	
Mr. Wizard Network Services	Shelton, CT	203-922-1528	mrwizard.com	Sprint	1.544	32	Yes	No	\$19.95	-	-	-	
NETAXIS	Stamford, CT	203-969-0618	netaxis.com	Sprint/MCI	3.084	446	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
Netmeg Internet	Monroe, CT	203-459-9474	netmeg.net	MCI	1.544	24	Yes	No	\$20.00	240	\$1.00	-	
Online Business Associates	Stamford, CT	203-969-3333	clubnetct.com	MCI	0.099	9999	Yes	No	\$19.95	13	\$1.25	-	
Paradigm Communications Inc	Cheshire, CT	203-250-7397	pcnet.com	Sprint/MCI	3.088	180	No	No	\$29.00	100	\$1.00	-	
RECOL, LLC	New Haven, CT	203-776-4874	recol.net	MCI	3.088	16	Yes	Yes	-	-	-	-	
Southern New England TelCo	New Haven, CT	203-694-0035	snet.net	UUNET/Sprint	0.099	9999	No	No	\$19.95	-	-	-	
The Power House BBS	Trumbull, CT	203-261-4240	fcc.com	DataXchange	0.099	9999	No	No	\$19.95	-	-	-	
WEB SOLUTIONS	Woodbridge, CT	203-389-7095	websolutions.com	Sprint	1.544	64	Yes	Yes	\$25.00	45	\$1.00	65.00	x2
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-	-	-	
CAC-BBS	Norwich, CT	860-889-6786	cac-bbs.com	MCI	1.544	60	No	Yes	\$17.95	-	-	-	
Cinecom	Woodbridge, VA	703-680-4733	cinecom.com	MCI	0.099	9999	No	Yes	\$15.00	-	-	-	
COMPUTER SOLUTIONS, INC	Torrington, CT	860-482-0600	compsol.net	MCI	1.544	300	No	No	\$14.99	-	-	19.99	x2
Connix	Middlefield, CT	860-349-7059	connix.com	UUNET/Sprint	4.632	569	Yes	Yes	\$16.50	120	\$0.75	-	
CYBERNET DYNAMICS, INC.	Mamaroneck, NY	718-319-8821	cnd.net	UUNET	45.000	260	Yes	Yes	\$18.00	-	-	30.00	Rock56flex
CYBERZONE COMMUNICATIONS	Plainfield, CT	860-564-7400	cyberzone.net	MCI/Sprint/UUNET	45.000	3690	Yes	Yes	\$19.95	-	-	19.95	x2/Rock56flex/LucK56flex
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95	-	-	19.95	x2
IMAGINE.COM	Hartford, CT	860-527-9245	imagine.com	Sprint/UUNET	3.088	91	Yes	Yes	\$20.00	-	-	35.00	x2
Infinity Data Systems Inc	Wappingers Falls, NY	914-297-5879	idsi.net	Sprint	1.544	138	No	Yes	\$19.95	-	-	-	
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	
INTAP, LLC	Providence, RI	401-276-4700	intap.net	MCI	1.544	600	Yes	Yes	\$19.95	-	-	-	
INTERPORT COMMUNICATIONS	New York, NY	212-989-1128	interport.net	MCI/Sprint/UUNET/BBN	16.176	854	Yes	Yes	\$25.00	120	\$1.50	25.00	x2
Lightning Internet Services LLC	Mineola, NY	516-248-8400	lightning.net	AGIS/Sprint/GoodNet	45.000	23	Yes	Yes	-	-	-	-	
LocalNet Corp	Williamsville, NY	716-632-1133	localnet.com	AGIS/Sprint	4.632	350	Yes	No	\$19.95	-	-	-	
Log On America	Providence, RI	401-453-6100	loa.com	MCI	0.099	9999	No	Yes	\$19.99	125	\$1.00	-	
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50	-	-	9.50	Rock56flex
Mnematics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504	-	-	
NETPLEX	Hartford, CT	860-233-1111	ntplx.net	GoodNet/Sprint	45.000	338	Yes	Yes	\$15.00	-	-	15.00	x2
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	
NORTH AMERICAN INTERNET	Newington, CT	860-953-4638	nai.net	MCI	6.176	1744	Yes	No	\$17.95	-	-	17.95	x2
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	
SUPER COLLIDER	W Hartford, CT	860-561-3103	collider.com	UUNET	1.544	78	No	Yes	\$19.95	-	-	19.95	x2
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	
Uconnects LLC	Waterford, CT	860-437-0313	uconnect.net	MCI	3.088	287	Yes	Yes	\$16.95	-	-	-	
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00	-	-	35.00	x2
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No	-	-	-	-	

Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-
Ziplink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

204 Area Code ♦ MANITOBA

Astra Network Inc	Winnipeg, MB	204-987-7050	man.net	iSTAR	1.544	64	Yes	No	\$9.95	10	\$2.00	-	-
Computech Business Systems	Portage La Prairie, MB	204-239-8868	cpnet.net	MCI	0.099	9999	No	No	\$9.95	10	\$1.00	-	-
Cyberspace Online Information Svcs	Winnipeg, MB	204-775-3650	cyberspc.mb.ca	MCI	1.544	130	Yes	No	\$19.95	-	-	-	-
Escape Communications Corp	Winnipeg, MB	204-925-4290	escape.ca	MCI	1.544	536	Yes	Yes	\$15.95	30	\$1.00	-	-
GATE WEST COMMUNICATIONS	Winnipeg, MB	204-663-2931	gatewest.net	UUNET	1.544	288	Yes	Yes	\$24.95	60	\$1.00	24.95	Rock56flex
INTERLINK ONLINE SERVICE INC.	Winnipeg, MB	204-985-5444	ilos.net	MCI	10.000	282	Yes	No	\$19.95	-	-	32.00	x2
Magic Online Services Winnipeg	Winnipeg, MB	204-949-7777	magic.mb.ca	MCI/ANS	3.088	240	Yes	No	\$9.95	10	\$1.50	-	-
Pangea.ca Inc	Winnipeg, MB	204-985-9025	pangea.ca	MCI	0.099	9999	No	Yes	\$4.95	5	\$1.00	-	-
TECHNOLOGY PLUS LTD	Neepawa, MB	204-476-3389	techplus.com	MCI/MCI	4.628	330	Yes	No	\$14.95	7	\$1.00	49.95	x2
TKM Software Ltd	Brandon, MB	204-727-3873	tkm.mb.ca	MCI	0.099	9999	No	No	\$9.95	5	\$2.00	-	-
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
Communication Inter-Acces	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
HookUp Communications	Kelowna, BC	604-763-1176	awinc.com	MCI	0.099	9999	No	No	\$9.95	5	\$3.00	-	-
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
Okanagan Internet Junction Inc	Vernon, BC	250-549-1036	junction.net	MCI/Sprint	10.256	500	Yes	No	\$29.95	60	\$1.25	-	-
TotalNet Inc	Montreal, QC	514-481-2585	total.net	ANS/Sprint	0.099	9999	Yes	Yes	\$26.95	-	-	-	-

205 Area Code ♦ ALABAMA

AIRNET INTERNET SERVICES INC	Huntsville, AL	205-533-5938	airnet.net	BBN/MCI	3.088	273	No	Yes	\$18.95	-	-	18.95	Rock56flex
ALABAMA ONLINE INC	Birmingham, AL	205-870-1242	alonline.com	MCI/Sprint	44.776	207	No	Yes	\$19.95	-	-	24.95	x2
CHENEY COMMUNICATIONS CO	Birmingham, AL	205-942-0713	cheney.net	Sprint	17.720	114	Yes	Yes	\$20.00	40	\$1.00	200.00	x2
Companet Inc	Athens, AL	205-233-0051	companet.net	Sprint	1.544	40	No	No	\$9.95	10	\$0.95	-	-
db Technology	Cottondale, AL	205-556-9020	dbtech.net	Sprint/MCI/AGIS	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
HIWAAY INFORMATION SERVICES	Huntsville, AL	205-533-4296	hiwaay.net	MCI	45.000	2415	Yes	Yes	\$9.95	10	\$0.95	9.95	Rock56flex
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
INTERNET SOLUTIONS	Gadsden, AL	205-547-6868	internetpro.net	UUNET/MCI	45.000	180	No	Yes	\$19.95	-	-	24.95	x2
INTERQUEST ONLINE SERVICES	Huntsville, AL	205-464-8883	iquest.com	CRL	1.544	120	Yes	Yes	\$19.95	150	-	19.95	x2
Net Results	Huntsville, AL	205-539-4583	garply.com	CRL	0.099	9999	No	No	\$19.95	-	-	-	-
Netmaster Internet Services	Decatur, AL	205-306-0926	net-master.net	MCI	1.544	23	Yes	Yes	\$19.95	60	\$1.50	-	-
RENAISSANCE INTERNET SRVS.	Huntsville, AL	205-535-2102	ro.com	MCI	1.544	382	Yes	Yes	\$10.00	370	\$1.00	24.95	Rock56flex

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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
205 Area Code ♦ ALABAMA													
Scott Network Services Inc	Birmingham, AL	205-987-5889	scott.net	Sprint	1.544	110	Yes	Yes	\$25.00	-	-	-	
SIS ONLINE! INC	Birmingham, AL	205-995-9150	sisonline.com	Sprint	1.544	32	No	No	\$19.95	-	-	-	
SouthNet Inc	Hamilton, AL	205-921-2040	sonet.net	Sprint	1.544	92	No	No	\$19.95	-	-	-	
Southeast Information Systems	Chelsea, AL	205-678-9945	secis.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	
Southern Network Services	Birmingham, AL	205-871-5980	snsnet.net	CRL	0.099	9999	Yes	Yes	\$25.00	-	-	-	
TECH-COMM Inc	Birmingham, AL	205-250-8053	tech-comm.com	Sprint	1.544	1200	No	Yes	\$19.95	-	-	-	
Traveller Information Services	Huntsville, AL	205-883-4233	traveller.com	MCI	0.099	9999	Yes	Yes	\$17.95	60	\$0.95	-	
WebExpress	Talladega, AL	205-362-1899	webex.com	MCI	1.544	16	No	No	\$14.95	20	\$1.00	-	
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	
Cyberstore Systems	Vancouver, BC	604-482-3400	cyberstore.ca	Sprint/MCI	4.632	110	No	No	\$20.00	30	\$1.50	-	
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	
Internet CSRA	Augusta, GA	706-724-1509	csra.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	
Internet Pathway	Quitman, MS	601-776-3355	netpathway.com	MCI	1.544	26	Yes	No	\$19.95	240	\$5.00	-	
ISDN-NET	Brentwood, TN	615-371-1625	isdn.net	BBN	3.088	135	Yes	Yes	\$24.95	100	\$1.00	39.95	x2
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-	-	-	
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-	-	-	
WSNetworkxx, Inc.	Montgomery, AL	334-263-5505	wsnet.com	AGIS	45.000	108	No	Yes	\$19.95	-	-	-	
Worldnet Communications	Montgomery, AL	334-263-3275	wrldnet.net	BBN	0.099	9999	Yes	Yes	\$22.50	-	-	-	

206 Area Code ♦ WASHINGTON

2001 Info-Net	Seattle, WA	206-527-1277	2001net.com	Sprint	1.544	50	No	No	\$15.00	30	\$1.00	-	-
2alpha	Bellevue, WA	206-746-4140	2alpha.com	UUNET/Sprint/MCI/AGIS	10.632	-	Yes	No	-	-	-	-	-
AccessOne LLC	Kirkland, WA	206-814-9100	accessone.com	UUNET/MAE West	45.000	900	No	Yes	\$20.00	60	\$0.50	-	-
Adcom System	Seattle, WA	206-524-6828	adcomsys.net	UUNET	1.544	30	Yes	Yes	\$19.95	-	-	-	-
Alternate Access Inc	Seattle, WA	206-777-8888	aa.net	UUNET	10.000	420	Yes	Yes	\$20.00	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CITYLING NET SERVICES	Bellevue, WA	206-718-3333	cityling.com	UUNET/MCI/Sprint	45.000	426	Yes	Yes	\$20.00	-	-	20.00	x2
Compass Communications	Seattle, WA	206-812-1500	ccom.net	UUNET	45.000	-	Yes	No	-	-	-	-	-
Compumedia Inc	Seattle, WA	206-623-8065	compumedia.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
COMPUTER SYSTEM ENHANCE.	Bellevue, WA	206-812-1020	cse-net.com	Sprint/MCI/UUNET	43.860	98	Yes	Yes	\$20.00	25	\$0.50	35.00	x2
Cooluniverse.com	Federal Way, WA	206-838-3050	cooluniverse.com	Sprint	1.544	48	No	No	\$39.95	-	-	-	-
Cortland Electronics Corp	Seattle, WA	206-217-0158	cortland.com	UUNET/AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-
Cyberspace	Seattle, WA	206-812-1297	cyberspace.com	UUNET	3.088	103	No	No	\$19.99	-	-	-	-
Direct Connect Inc.	Bellevue, WA	206-455-5995	dirconnect.com	MCI	0.128	10	No	No	\$25.00	-	-	-	-
Drizzle Internet Northwest	Seattle, WA	206-720-4799	drizzle.com	UUNET	0.256	24	No	No	\$25.00	-	-	-	-
Emerald OnRamp	Mercer Island, WA	206-324-6666	eor.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
Eskimo North Inc	Seattle, WA	206-361-1161	eskimo.com	Sprint	1.544	240	Yes	No	\$24.00	200	-	-	-
Everett Networking	Everett, WA	206-337-1100	everett.net	MCI	3.088	121	Yes	Yes	\$25.00	-	-	-	-
fine.com Connect	Seattle, WA	206-292-2888	fine.com	AGIS	1.544	-	Yes	No	-	-	-	-	-
Grand Designs Ltd	Everett, WA	206-710-9006	conflux.net	Sprint	1.544	92	Yes	Yes	-	-	-	-	-
GUIWARE, INC.	Bellevue, WA	206-746-6044	guiware.com	Sprint	1.544	106	No	Yes	\$19.95	-	-	29.95	x2
Infinite Dimension Inc	Seattle, WA	206-728-4343	i-d.com	MCI	0.099	9999	No	Yes	\$16.95	-	-	-	-
Infoconex	Seattle, WA	206-439-7681	infoconex.com	Sprint/MCI	3.088	17	Yes	Yes	\$16.95	-	-	-	-
InterNAP Network Services	Seattle, WA	206-441-8800	internap.com	MCI/UUNET/Sprint/ANS	45.000	-	Yes	No	-	-	-	-	-
Interconnected Associates	Seattle, WA	206-622-7337	ixa.net	UUNET/MCI/Sprint/AGIS	18.264	-	Yes	No	-	-	-	-	-
Internet Central	Seattle, WA	206-720-9892	oo.net	UUNET/MCI/Sprint	0.099	9999	Yes	Yes	\$30.00	-	-	-	-
Internet Services of Washington	Kirkland, WA	206-823-2373	iswnet.com	Sprint	45.000	36	Yes	Yes	\$23.95	-	-	-	-

Ironhorse Software	Seattle, WA	206-783-6636	ironhorse.com	Sprint	1.544	10	No	No	\$20.00	-	-	-	-
ISOMEDIA Inc	Redmond, WA	206-881-8769	isomedia.com	UUNET	1.544	170	No	Yes	\$19.95	-	-	-	-
Jet City Online	Seattle, WA	206-281-1774	jetcity.com	Sprint	10.000	48	No	No	\$25.00	-	-	-	-
Kom.Net	Seattle, WA	206-286-5274	kom.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
LightRealm Communications, Inc.	Kirkland, WA	206-827-0900	lightrealm.com	Sprint/MCI	45.000	-	Yes	No	-	-	-	-	-
Media Warehouse O/L	Snohomish, WA	206-621-5376	mediawhse.com	Sprint	1.544	26	No	No	\$10.00	35	\$0.25	-	-
N2H2 Bess INC	Seattle, WA	206-971-1400	bess.net	UUNET	1.544	9999	No	No	\$24.95	100	\$0.99	-	-
NET-ONE	Kirkland, WA	206-747-7777	net-one.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Network O.S. Inc	Woodinville, WA	206-486-2372	netos.com	Sprint	0.099	9999	No	Yes	\$19.95	40	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-	-
Northwest Business Systems	Federal Way, WA	206-839-4641	nbs.net	Sprint	0.099	9999	No	No	\$20.00	160	\$1.00	-	-
NORTHWEST LINK	Bellevue, WA	206-451-1151	nwlink.com	MCI/UUNET	9.264	1133	Yes	Yes	\$15.00	10	\$2.00	30.00	x2
NORTHWEST NEXUS INC	Bellevue, WA	206-455-3505	nwnexus.com	UUNET/Sprint/MCI	10.808	692	Yes	Yes	\$30.00	-	-	-	-
NW RAINet Inc	Tacoma, WA	206-566-6800	nwrain.com	MCI	0.099	9999	Yes	No	\$20.00	40	\$1.50	-	-
PCD NETWORKS	Federal Way, WA	206-839-4620	pcd.net	Sprint	0.099	9999	Yes	Yes	\$17.50	-	-	-	-
Personal Data Services	Edmonds, WA	206-365-8212	pdsnorth.com		0.099	9999	No	No	\$19.95	-	-	-	-
PROSTAR PLUS INTERNET	Federal Way, WA	206-941-8895	prostar.com	Sprint	45.000	780	No	Yes	\$9.95	-	-	9.95	Rock56flex/LucK56flex
Protec Internet Services	Everett, WA	206-339-2001	protec.net	Sprint	0.099	9999	No	No	\$16.50	-	-	-	-
Puget Sound ACCESS	Anacortes, WA	206-741-0850	pstbbs.com	CIX	1.544	70	No	Yes	\$19.95	-	-	-	-
Seonet Corp	Seattle, WA	206-343-7828	seonet.com	Sprint/MCI/AGIS	0.099	9999	Yes	Yes	\$20.00	50	\$0.50	-	-
Sense Networking Seattle	Seattle, WA	206-989-6698	oz.net	Sprint/MCI	11.544	365	Yes	Yes	\$20.00	-	-	-	-
ServNet Internet Services	Seattle, WA	206-789-4155	serv.net	Sprint/UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
STC INTERNET SERVICES/WASH.	Lynnwood, WA	206-670-0936	stnetcom.com	MCI	1.544	303	Yes	Yes	\$9.95	-	-	9.95	x2
TCM & Associates Inc	Federal Way, WA	206-835-0330	tcmmnet.com	Sprint	1.544	12	No	Yes	\$19.95	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tgris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
WASHINGTON INTERNET SRVS.	Tacoma, WA	206-926-2552	wa.net	Sprint/MCI	3.088	345	Yes	Yes	\$20.00	-	-	20.00	x2
Wolfe Internet Access	Seattle, WA	206-812-4000	wolfenet.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
WORLDLINK, Inc.	Seattle, WA	206-361-8785	w-link.net	MCI	1.544	100	No	No	\$16.00	-	-	-	-
Worldport Online	Seattle, WA	206-523-7916	wport.com	UUNET	1.544	168	No	No	\$14.95	-	-	-	-
Zip Connection	Seattle, WA	206-524-0612	zipcon.net		0.099	9999	Yes	No	\$15.00	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	30.00	Rock56flex
AUSNet Services	Portland, OR	503-242-1400	us.world.net	Sprint/MCI	3.088	48	Yes	Yes	-	-	-	-	-
Bandwagon Internet	Keyport, WA	360-613-4098	bandwagon.net	Sprint	3.044	70	Yes	Yes	\$15.00	-	-	-	-
Blarg! Online Services	Bellevue, WA	425-401-9821	blarg.net	UUNET/MCI	3.088	1998	No	Yes	\$20.00	-	-	-	-
Blue Mountain Internet	Walla Walla, WA	509-522-5006	bmi.net	MCI	4.632	350	Yes	No	\$19.95	-	-	-	-
CCO Inc	Lacey, WA	360-705-2299	cco.net	UUNET	0.099	9999	Yes	Yes	\$22.00	-	-	-	-
Connect Northwest Internet Srvs	Bellevue, WA	360-466-1140	cnw.com	MCI/UUNET	3.088	282	Yes	Yes	\$20.00	-	-	-	-
GreatNorthern Remote Access Co	Lakewood, WA	360-652-4774	greatnorthern.net	Sprint	0.099	9999	No	No	\$10.00	30	-	-	-
Horizon & A to Z Networking	Bellingham, WA	360-733-7373	az.com	Sprint	0.099	9999	No	No	\$25.95	100	-	-	-
Information Mini-Mall	Spokane, WA	509-747-1732	imm.com	MCI	3.088	190	Yes	Yes	\$20.00	-	-	-	-
InterBytes Corp	Portland, OR	503-224-2169	bytes.net	MCI/UUNET	0.099	9999	Yes	No	\$30.00	60	\$1.00	-	-
Internet Express	Colorado Springs, CO	719-592-1240	usa.net	ANS	0.099	9999	No	No	\$39.95	50	\$1.25	-	-
JupiterCity.com, corp.	Quilcene, WA	360-765-5001	jupitercity.com	Sprint	0.816	24	No	No	\$24.95	250	\$1.00	-	-
Mashell Net	Eatonville, WA	360-832-4634	mashell.com	MCI	1.544	26	No	No	\$20.00	60	\$1.95	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
Pacific Rim Network Inc	Bellingham, WA	360-650-0442	pacificrim.net	Sprint/MCI/UUNET/AGIS	45.000	5750	Yes	Yes	\$12.95	-	-	-	-
Premier1 Internet Services, Inc.	Sultan, WA	360-793-3658	premier1.net	Sprint	1.544	218	Yes	Yes	\$24.00	-	-	-	-
QuickNet Communication's	Portland, OR	503-736-9011	quicknet.com	UUNET/MCI	3.088	10	Yes	No	\$15.00	-	-	-	-
RCIA Corp	Redmond, WA	425-883-8825	rcia.com		0.099	9999	No	Yes	\$16.95	-	-	-	-
RMC Internet Services	Boise, ID	208-336-9200	rmci.net	Sprint	1.544	410	Yes	Yes	\$9.95	10	\$1.00	-	-
SSN - Internet Services	Kent, WA	253-630-0580	ssn.com		0.128	10	No	No	\$20.00	-	-	-	-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No	-	-	-	25.00	LucK56flex
Telebyte NW	Silverdale, WA	360-613-5220	telebyte.com	Sprint	1.544	100	Yes	No	\$25.00	-	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
206 Area Code ♦ WASHINGTON													
Transport Logic	Portland, OR	503-243-1940	transport.com	Sprint/MCI/UUNET/MAE East	0.099	9999	Yes	Yes	\$15.00	40	\$1.00	-	-
WhidbeyNET	Langley, WA	360-321-1111	whidbey.net	Sprint/UUNET	4.632	900	Yes	Yes	\$21.50	200	\$2.00	-	-
WLN (Western Library Network)	Lacey, WA	360-923-4000	wln.com	MCI/Sprint	3.088	60	Yes	No	\$20.00	40	\$1.00	-	-

207 Area Code ♦ MAINE													
ABACUS Online	Falmouth, ME	207-781-7073	lobsta.com	BBN	1.544	16	No	No	\$17.95	-	-	-	-
AcadiaNet, Inc.	Bar Harbor, ME	207-288-5959	acadia.net	MCI	1.544	150	No	No	\$9.95	10	\$2.50	-	-
Agate Internet, Inc.	Bangor, ME	207-947-8248	agate.net	Sprint/MCI	3.088	2500	Yes	Yes	\$29.95	-	-	-	-
CC-Net Inc	Bath, ME	207-442-7709	clinic.net	UUNET	1.544	80	Yes	No	\$20.00	-	-	-	-
Coastal Telco Services	Nobleboro, ME	207-564-9929	tidewater.net	MCI	1.544	48	No	No	\$9.95	15	\$1.25	-	-
Custom Network	Old Orchard Beach, ME	207-934-2218	customnet.com	Sprint	0.560	11	No	No	\$19.95	-	-	-	-
CYBERTOURS, INC.	Kennebunk, ME	207-985-3668	cybertours.com	MCI	4.632	528	Yes	Yes	\$17.95	-	-	19.95	x2
Downeast.net	Ellsworth, ME	207-667-7414	downeast.net	UUNET	0.099	9999	No	No	\$35.00	-	-	-	-
Dream Link Online	Lewiston, ME	207-786-3207	dlois.com	BBN	0.056	14	No	No	\$20.00	-	-	-	-
Great Works Internet	Biddeford, ME	207-286-2054	gwi.net	BBN/Sprint	3.088	365	Yes	Yes	\$29.00	-	-	-	-
HyperMedia Communications Inc	Brooklin, ME	207-359-6573	hypernet.com	UUNET	1.544	80	No	No	\$25.00	-	-	-	-
INTERNET MAINE	Portland, ME	207-780-0416	ime.net	Sprint/UUNET	4.632	920	Yes	Yes	\$19.95	-	-	19.95	LucK56flex
lamere.net Internet Solutions	Biddeford, ME	207-283-3627	lamere.net	Sprint	1.544	136	Yes	Yes	\$19.95	-	-	-	-
Megalink	Buckfield, ME	207-336-2300	megalink.net	MCI/Sprint	1.600	225	Yes	No	\$10.00	10	\$0.80	-	-
Midcoast Internet Solutions	Owls Head, ME	207-594-8277	midcoast.com	Sprint	1.544	230	No	Yes	\$30.00	100	\$0.50	-	-
mixNET	Bar Mills, ME	207-929-1999	mix-net.net	MCI	0.099	9999	No	No	\$25.00	100	\$0.25	-	-
Net Express Inc	Portland, ME	207-828-8680	nxi.com	Sprint/MCI	3.088	95	No	No	\$30.00	50	\$1.00	-	-
North Coast Internet Services Inc	Lubec, ME	207-733-1000	nemaine.com	MCI	1.544	56	No	No	\$10.00	5	\$1.00	-	-
NORTHERN LIGHTS INTERNET	Portland, ME	207-773-4941	nlis.net	MCI	0.384	31	No	Yes	\$18.33	-	-	18.33	x2
PCTECH, INC.	Ellsworth, ME	207-667-4146	pctech.net	Sprint	1.544	60	No	Yes	\$29.95	-	-	29.95	x2
Solar Eclipse Information Services	Portland, ME	207-775-3841	seis.com	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
The Maine InternetWorks Inc	Waterville, ME	207-861-5600	mint.net	UUNET/MCI	3.088	450	Yes	No	\$29.95	-	-	-	-
WORDWRAP SERVICE CORP	Portland, ME	207-773-2800	wordwrap.net	MCI	1.544	56	Yes	Yes	\$40.00	-	-	40.00	x2
Granite State Internet	Weare, NH	603-529-9916	gsinet.net	MCI	45.000	48	Yes	No	\$28.47	-	-	-	-
GreenHorse Communications, Inc.	Greenland, NH	603-433-2499	greenhorse.net	MCI	3.088	-	Yes	No	-	-	-	-	-
JavaNet	Northampton, MA	413-587-3400	javanet.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
MV Communications Inc	Manchester, NH	603-429-2223	mv.com	Sprint	0.099	9999	Yes	No	\$20.00	100	\$0.50	-	-
NCIA	Berlin, NH	603-752-1250	ncia.net	BBN	1.544	96	No	No	\$20.00	50	\$0.25	-	-
NetWorx Internet Services Inc	Newburyport, MA	508-462-4000	worx.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
Rocket Science Computer Svcs Inc	Portsmouth, NH	603-334-6444	rscs.net	Sprint	1.544	81	Yes	Yes	\$25.00	60	\$1.00	-	-
SEG Network Technologies Inc	Hanover, NH	603-643-5883	seg.net	BBN	45.000	-	Yes	No	-	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-
The Destek Group Inc	Nashua, NH	603-594-9630	destek.net	UUNET	0.099	-	Yes	No	-	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
USAInternet Inc	Danvers, MA	508-777-2600	usa1.com	MCI/Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-

208 Area Code ♦ IDAHO													
AFTER HOURZ ONLINE	Boise, ID	208-343-0400	ahbqs.com	MCI	1.544	29	Yes	No	\$9.95	150	\$0.60	19.95	x2
Clover Enterprises	Boise, ID	208-345-4731	idibbs.com	DataXchange	45.000	16	No	No	\$18.95	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-

Digital Marketing Inc. (DMI)	Coeur D Alene, ID	208-664-1340	dmi.net	MCI	4.632	205	Yes	No	\$10.00	30	\$1.00	-	-
Digital Marketing Inc. (DMI)	Boise, ID	208-345-8555	dmi.com	MCI	4.632	208	Yes	No	\$10.00	30	\$1.00	-	-
Dream World Enterprises	Bonnerr Ferry, ID	208-267-7136	bonnerr-ferry.com	MCI	4.632	205	Yes	No	\$22.00	-	-	-	-
Execu-Net	Meridian, ID	208-884-1001	execu.net	MCI/UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
First Step Internet	Moscow, ID	208-882-8869	fsr.net	BBN	1.544	200	Yes	No	\$15.00	-	-	15.00	-
HIBEK Internet	Lewiston, ID	208-746-0804	hibek.net	MCI	1.544	48	No	No	\$30.00	100	\$2.95	-	-
Interactive Satellite Internet Svcs	Rigby, ID	208-745-8552	axxess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
Lightspeed Communications	Twin Falls, ID	208-736-6224	lightcom.net	UUNET	0.099	9999	No	No	\$19.95	200	\$1.00	-	-
MagicNet	Twin Falls, ID	208-734-2245	magiclink.com	Sprint	1.544	100	Yes	No	\$19.95	200	-	-	-
Micron Internet Services	Boise, ID	208-368-5400	micron.net	MCI/Sprint	9.264	976	Yes	No	\$19.95	150	\$1.00	-	-
MICROSERV'S IDAHO ONLINE	Idaho Falls, ID	208-529-4934	ida.net	MCI/UUNET	3.088	350	Yes	No	\$19.95	-	-	65.00	x2
MTG EnterPrizes	Nampa, ID	208-467-6236	nampa.com	MCI	4.632	203	No	No	\$10.00	30	\$1.00	-	-
NICOH Net Inc	Pocatello, ID	208-233-5802	nicoh.com	MCI/UUNET	3.088	32	Yes	No	\$19.95	150	\$0.50	-	-
Net Works	Sandpoint, ID	208-263-5082	netw.com	MCI	0.384	25	No	No	\$20.00	80	\$0.50	-	-
Netlink Inc	Coeur D Alene, ID	208-769-7003	nidlink.com	MCI	10.780	397	Yes	No	\$21.95	-	-	-	-
North Rim Communications	Wendell, ID	208-536-5744	northrim.net	MCI	1.544	40	Yes	No	\$19.95	-	-	-	-
PC Internet Resources	Blackfoot, ID	208-785-1404	pcaxxess.net	Sprint	1.544	100	Yes	No	\$20.00	-	-	-	-
RMC Internet Services	Boise, ID	208-336-9200	rmci.net	Sprint	1.544	410	Yes	Yes	\$9.95	10	\$1.00	-	-
Salmon Internet	Salmon, ID	208-756-8717	salmoninternet.com	MCI	4.632	205	Yes	No	\$12.50	10	\$1.00	-	-
SRVnet	Idaho Falls, ID	208-524-6237	srv.net	BBN	0.099	9999	Yes	No	\$4.95	5	\$1.00	-	-
Stellar Communications	Pocatello, ID	208-234-0365	stellarcom.com	BBN	1.544	170	Yes	No	\$10.00	30	\$1.00	-	-
Tribune Internet Services	Lewiston, ID	208-743-9411	lmtribune.com	Sprint	3.088	999	No	No	\$15.00	-	-	-	-
Valley InterNet, Inc.	Lewiston, ID	208-746-7737	valint.net	Sprint	1.544	100	Yes	No	\$19.95	-	-	-	-
WEB RESOURCES, LLC	Pocatello, ID	208-237-4369	gemstate.net	MCI	1.544	68	No	No	\$19.95	-	-	29.95	Rock56flex
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
A-ONLINE INFORMATION SERV.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	30.00	Rock56flex
CompuTech - Internet Eng. Associates	Spokane, WA	509-624-6798	iea.com	Sprint/MCI/UUNET	0.099	9999	Yes	Yes	\$20.00	120	\$50.00	-	-
Cutting Edge Communications, Inc.	Otis Orchards, WA	509-927-9541	cet.com	MCI	10.000	279	Yes	Yes	\$17.50	300	\$0.15	-	-
Data Source Llc	Spokane, WA	509-744-3160	dsourc.com	MCI/UUNET/Sprint	4.632	23	Yes	Yes	-	-	-	-	-
INQUO	Salt Lake City, UT	801-530-7160	inquo.net	Sprint/UUNET/MCI	13.088	292	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
Internet Expressway	Spokane, WA	509-891-4306	ieway.com	MCI	1.544	210	Yes	Yes	\$19.95	140	\$0.50	-	-
Internet On-Ramp Inc	Spokane, WA	509-624-7267	ior.com	Sprint	1.544	165	Yes	Yes	\$19.95	-	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-	-
P.O.W.E.R. Net Inc	Spokane, WA	509-891-5008	poweramp.net	MCI	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No	-	-	-	25.00	LucK56flex
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-
West Yellowstone Web Works	West Yellowstone, MT	406-646-7006	wyellowstone.com	MCI	0.099	9999	No	No	\$29.95	30	\$1.75	-	-

209 Area Code ♦ CALIFORNIA

ACE InfoSystems	Tracy, CA	209-833-1696	aceinfo.com	DataXchange	1.544	24	No	No	\$20.00	-	-	-	-
American InfoMetrics	Modesto, CA	209-549-8333	ainet.com	Netcom	1.544	92	Yes	Yes	\$19.95	150	\$0.99	-	-
Calaveras Internet	Copperopolis, CA	209-785-7550	caltel.com	CIX	1.544	25	No	No	\$5.00	5	\$1.00	-	-
CellularONE	Merced, CA	209-723-3100	cell2000.net	Sprint	1.544	59	No	No	\$19.95	-	-	-	-
CNETech Net Inc	Hanford, CA	209-585-8807	cnetech.com	AGIS	45.000	100	No	No	\$24.95	-	-	-	-
Community Wide Web Stockton	Stockton, CA	209-473-5950	cwww.net	Sprint	1.544	88	No	Yes	\$24.95	200	\$0.25	-	-
CompuGraph International	Fresno, CA	209-222-5679	compugraph.com	CRL	1.544	62	No	Yes	\$19.95	-	-	-	-
Computerland OF Stockton	Stockton, CA	209-473-1241	stockton.net	Sprint	1.544	30	No	No	\$18.71	-	-	-	-
CyberGate Information Services	Fresno, CA	209-486-4283	cybergate.com	Sprint	1.544	136	No	Yes	\$16.95	-	-	-	-
Elite.Net	Merced, CA	209-357-4900	elite.net	AGIS	1.544	102	Yes	Yes	\$15.00	150	\$1.50	-	-
Gold Country Online Services	Jackson, CA	209-296-7710	goldcountry.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
Goldrush World Access, Ltd.	Angels Camp, CA	209-736-0111	goldrush.com	AGIS	1.544	160	No	Yes	\$19.95	-	-	-	-
Ground Zero Communications, Inc.	Stockton, CA	209-474-2600	comsec.net	IBM/AGIS	3.088	10	Yes	Yes	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/RocK56flex

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
209 Area Code ♦ CALIFORNIA													
Infonet Communications Inc	Fresno, CA	209-446-2360	icinet.net	UUNET	0.099	9999	No	Yes	\$24.95	200	\$1.00	-	-
Iron Mtn Systems	Mariposa, CA	209-742-5000	yosemite.net	MCI	1.544	28	Yes	No	\$9.95	10	\$0.50	-	-
Kings Internet Communications	Armona, CA	209-584-4855	kingsnet.com	MCI	1.544	196	No	Yes	\$22.00	-	-	-	-
LODINET	Lodi, CA	209-339-7130	lodinet.com	Sprint	1.544	113	No	Yes	\$24.95	-	-	24.95	x2
Manteca Information Systems	Manteca, CA	209-239-2082	mistic.net	MCI	1.544	30	No	No	\$19.50	-	-	-	-
Mind Information Systems	Visalia, CA	209-730-3600	mindinfo.net	CRL	1.544	100	Yes	No	\$17.95	-	-	-	-
Mother Lode Internet Inc.	Sonora, CA	209-536-5800	mlode.com	MAE West	1.544	70	No	No	\$25.00	-	-	-	-
Olson Computer Services	Porterville, CA	209-781-4123	ocsnet.net	AGIS	1.544	134	Yes	Yes	\$19.95	-	-	-	-
ProtoSource Network	Fresno, CA	209-486-8638	psnw.com	MCI/AGIS	3.088	250	Yes	Yes	\$24.95	-	-	-	-
SONNET Networking	Sonora, CA	209-532-2750	sonnet.com	IBM	1.544	223	No	Yes	\$19.95	50	\$1.49	-	-
Sierra Internet Services	Oakhurst, CA	209-683-2638	sierranet.net	UUNET	1.544	60	Yes	No	\$19.95	-	-	-	-
SierraTel Internet	Oakhurst, CA	209-683-7717	sierratel.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Softcom	Galt, CA	209-745-5272	softcom.net	Sprint/Sprint	0.099	9999	Yes	No	\$12.00	-	-	-	-
THE COMPUTER DEPOT	Jackson, CA	209-223-5043	cdepot.net	MCI	1.544	324	No	Yes	\$20.00	-	-	20.00	RocK56flex/LucK56flex
VOLCANO INTERNET PROVIDER	Pine Grove, CA	209-296-7574	volcano.net	Sprint	1.544	378	No	Yes	\$19.49	-	-	19.49	RocK56flex/LucK56flex
Vortech Network Access	Tracy, CA	209-835-9774	vornet.com	Sprint	1.544	41	No	No	\$19.95	-	-	-	-
BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95	-	-	19.95	RocK56flex/LucK56flex
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
CWNNet	Sacramento, CA	916-758-0119	cwnet.com	Sprint	3.088	150	Yes	Yes	\$13.84	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
Idiom Consulting	Oakland, CA	510-658-5700	idiom.com	UUNET	1.544	96	Yes	Yes	\$30.00	240	\$0.25	-	-
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-
Interactive Satellite Internet Svcs	Rigby, ID	208-745-8552	axxess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
JOSHUA NET	Chico, CA	916-897-3810	joshuanet.com	MCI	3.088	181	Yes	Yes	\$17.95	-	-	29.95	x2
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/RocK56flex
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
Mother.com	Davis, CA	916-757-8070	mother.com	AGIS	0.099	9999	No	Yes	\$9.95	8	\$2.00	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Sirius Connections	San Francisco, CA	415-865-5000	sirius.com	UUNET/Sprint/MCI	6.176	864	Yes	No	\$18.95	-	-	-	-
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	-	-	29.95	x2
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
West Coast Online Inc	Rohnert Park, CA	707-586-3060	wco.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
WIRED INTERNET	Sacramento, CA	916-668-7650	wired2.net	MCI	44.600	192	No	No	\$17.50	-	-	17.50	x2

210 Area Code ♦ TEXAS

Advanced Internet Services Inc	San Antonio, TX	210-599-0799	aisi.net	AGIS	0.384	39	Yes	Yes	\$18.95	-	-	-	-
Ashton Communications Corp	Chula Vista, CA	210-668-6000	acnet.net	MCI	0.099	9999	Yes	Yes	\$20.00	100	\$1.00	-	-
AXS4U NETWORKING, INC.	Live Oak, TX	210-967-6741	axs4u.net	CRL	1.544	203	No	Yes	\$9.95	90	\$0.75	9.95	RocK56flex/LucK56flex
BORDER NETWORK	Laredo, TX	210-727-4468	border.net	CRL	1.544	232	Yes	Yes	\$19.95	-	-	19.95	x2
Bravo Net	Laredo, TX	210-725-2300	bravo.net	MCI	1.544	122	Yes	Yes	\$19.95	-	-	-	-
CompuVision Internet Services	New Braunfels, TX	210-608-0808	compuvision.net	Sprint/MCI	3.088	16	No	No	\$24.95	-	-	-	-
Connect International Inc	San Antonio, TX	210-341-2599	connecti.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
Cymitar Network Systems	San Antonio, TX	210-930-1902	cymitar.net	Sprint/MCI/CIX	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
DCCI Internet Services	San Antonio, TX	210-731-6611	dcci.com	Sprint/MCI/UUNET	0.099	9999	Yes	Yes	\$6.95	20	\$0.50	-	-
DelRio.com	del Rio, TX	210-775-0196	delrio.com	CRL	1.544	60	No	No	\$19.95	-	-	-	-
Express News Online	San Antonio, TX	210-250-2001	express-news.net	MCI	3.088	299	No	Yes	\$19.95	-	-	-	-
Fibrom Inc	San Antonio, TX	210-524-5587	fibr.net	MCI/Sprint/CIX	7.720	23	No	No	\$59.95	-	-	-	-

HILINE Internet Services Inc	McAllen, TX	210-686-5580	hiline.net	Sprint/MCI	3.088	204	Yes	Yes	\$29.95	200	-	-	-	-
Hill-Country.Net	Helotes, TX	210-341-3010	hillcountry.net	MCI	1.544	21	No	Yes	\$14.95	-	-	-	-	-
Internet Direct Inc.	San Antonio, TX	210-308-9800	txdirect.net	MCI/Sprint/CIX	9.264	1050	Yes	Yes	\$19.95	-	-	-	-	-
INTERSAT INTERNET	San Antonio, TX	210-377-2966	intersatx.net	DIGEX	45.000	248	Yes	Yes	\$19.95	-	-	19.95	RockK56flex	-
INTX.NET	San Antonio, TX	210-824-4242	intx.net	Sprint/MCI	45.000	1840	Yes	Yes	\$19.95	-	-	-	-	-
NCC Corp	San Antonio, TX	210-225-4257	nccc.net	CRL	1.544	192	Yes	Yes	\$14.95	-	-	-	-	-
Netscorp Inc.	Laredo, TX	210-791-6387	netcorp.net	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-	-
South Texas Internet Connections	San Antonio, TX	210-828-4910	stic.net	MCI/Sprint/CIX	9.264	576	Yes	No	\$10.00	-	-	-	-	-
TexaNet Internet Access Services	Bulverde, TX	210-438-3080	texanet.net	MCI	45.000	50	Yes	No	\$19.95	-	-	-	-	-
The Internetwork Operating Co Inc	San Antonio, TX	210-299-4662	intemoc.com	MCI	1.544	-	Yes	No	-	-	-	-	-	-
THEWAVE CONNECTION INC	San Antonio, TX	210-614-2306	twcw.com	MCI	3.088	225	No	Yes	\$20.00	-	-	25.00	x2	-
TimeNet	Harlingen, TX	210-440-7426	timenet.net	BBN	1.544	40	No	Yes	\$29.95	-	-	-	-	-
Valley Tech	McAllen, TX	210-664-0190	vt.com	MCI/Sprint	1.928	100	Yes	No	\$20.00	-	-	-	-	-
VistaNet	Raymondville, TX	210-642-1145	vsta.com	MCI/Sprint/CIX	4.632	32	No	No	\$25.95	-	-	-	-	-
World Net	San Antonio, TX	210-226-6666	world-net.net	MCI	1.544	143	Yes	Yes	\$14.95	-	-	-	-	-
World Trade Center RGV	McAllen, TX	210-686-1982	rgv.net	MCI	0.099	9999	Yes	Yes	\$29.95	-	-	-	-	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-	-
Eden Matrix	Austin, TX	512-478-9900	eden.com	UUNET	4.632	440	Yes	Yes	\$18.50	-	-	-	-	-
Electrotex Inc	Houston, TX	713-526-3456	electrotex.com	Sprint	0.099	9999	No	Yes	\$20.95	-	-	-	-	-
Freeside Communications Inc	Austin, TX	512-458-9810	fc.net	UUNET/MCI/Sprint	12.352	65	Yes	No	\$20.00	60	\$0.50	-	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-	-
Internet Connect Services Inc	Victoria, TX	512-572-9987	icsi.net	Sprint	1.544	430	No	Yes	\$24.00	-	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-	-
Labnet	Austin, TX	512-482-8064	labnet.com	Sprint	1.544	20	No	No	\$19.95	248	\$1.00	-	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-	-
Onramp Access, Inc	Austin, TX	512-322-9200	onr.com	MCI/Sprint/UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-	-
Real Time Communications	Austin, TX	512-451-0046	realttime.net	MCI/Sprint/UUNET/DIGEX	10.808	434	Yes	Yes	\$19.95	60	\$0.50	-	-	-
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-	-	-	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	-	-	19.95	x2/RockK56flex/LucK56flex	-

212 Area Code ♦ NEW YORK

Advanced Standards Inc	New York, NY	212-302-3366	advn.com	CWIX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Akula Communications Corp	New York, NY	212-292-8892	akula.com	MCI	1.544	60	Yes	No	\$19.98	-	-	-	-	-



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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
212 Area Code ♦ NEW YORK													
Alpha Internet	New York, NY	212-271-4333	an.net	MCI	13.080	192	Yes	No	\$10.00	-	-	-	-
Angel Networks Inc	New York, NY	212-366-0881	angel.net	MCI	0.099	9999	No	Yes	\$30.00	120	\$1.00	-	-
APPLICATION RESOURCES INFO	New York, NY	212-843-2400	way.com	UUNET	10.000	134	Yes	Yes	\$19.95	-	-	29.95	x2
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-	-	-	-
Blythe Systems	New York, NY	212-979-0471	blythe.org	UUNET	0.099	9999	No	No	\$21.00	-	-	-	-
CALYX Internet Access Corp	New York, NY	212-292-7325	calyx.net	MCI	3.088	-	Yes	No	-	-	-	-	-
Digital Telemedia Inc	New York, NY	212-255-4500	dti.net	BBN/UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Echo Communications Group, Inc.	New York, NY	212-292-0900	echonyc.com	UUNET	1.544	64	No	No	\$25.00	150	-	-	-
El Net	New York, NY	212-966-3141	el.net	AGIS	1.544	120	Yes	Yes	\$20.00	80	\$1.00	-	-
Evolution Online Systems Inc	New York, NY	212-843-5530	evolution.com	UUNET	0.099	9999	No	No	\$25.00	60	\$1.00	-	-
GAIN-NY	New York, NY	212-779-8715	gain-ny.com	MCI	1.544	46	No	Yes	\$19.95	-	-	-	-
GCS Computers Inc	New York, NY	212-629-8800	gcsnet.com	Sprint	0.099	9999	No	No	\$24.95	-	-	-	-
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95	-	-	19.95	x2
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	-
INTERCOM ONLINE INC	New York, NY	212-378-2202	intercom.com	MCI/UUNET	11.544	60	Yes	Yes	\$25.00	150	\$1.00	-	-
Internet Channel	New York, NY	212-243-5200	inch.com	UUNET/Genuity	45.000	300	Yes	No	\$25.00	-	-	-	-
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Internet QuickLink Corp	New York, NY	212-307-9662	quicklink.com	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
INTERPORT COMMUNICATIONS	New York, NY	212-989-1128	interport.net	MCI/Sprint/UUNET/BBN	16.176	854	Yes	Yes	\$25.00	120	\$1.50	25.00	x2
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50	-	-	-	-
LinkAmerica Communications, Inc.	New York, NY	212-334-0331	link-net.com	MCI	1.544	16	Yes	No	\$25.00	-	-	-	-
Maestro Technologies Inc	New York, NY	212-293-1655	maestro.com	MCI	11.544	81	Yes	No	\$20.00	720	-	-	-
Metro Online	New York, NY	212-969-8753	nycmetro.com	Sprint	0.099	9999	No	No	\$15.00	-	-	-	-
METROCON COMMUNICATIONS	New York, NY	212-661-6800	metrocon.com	Sprint/MCI	18.528	345	Yes	Yes	\$24.95	-	-	24.95	RocK56flex
NEW YORK CONNECT.NET LTD	New York, NY	212-293-2620	nyct.net	UUNET	1.544	128	Yes	No	\$25.00	-	-	35.00	x2
NY WEBB INC	New York, NY	212-242-4912	webb.com	MCI	3.088	262	Yes	No	\$16.67	300	-	16.67	x2
Octet Media	New York, NY	212-475-6393	octet.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
OKcom	New York, NY	212-219-2193	okcom.net	MCI	1.544	48	Yes	No	\$14.95	-	-	-	-
Optimized Computer Solutions Inc	New York, NY	212-727-2100	ocsny.com	UUNET	1.544	8	Yes	Yes	-	-	-	-	-
OUTERNET INC	New York, NY	212-982-9800	bway.net	AGIS/Sprint/UUNET/MCI	6.176	500	Yes	No	\$25.00	-	-	25.00	x2
Pangaea Communications	New York, NY	212-678-8500	pangaea.net	UUNET	1.544	16	No	No	\$15.00	100	\$0.50	-	-
PRECIPICE, INC.	New York, NY	212-645-7970	precipice.com	UUNET/AGIS	4.588	64	Yes	Yes	\$20.00	-	-	30.00	x2/RocK56flex
Public Access Networks Corp	New York, NY	212-741-4400	panix.com	MCI	45.000	300	Yes	No	\$35.00	-	-	-	-
RealNet	New York, NY	212-964-3560	reallife.com	MCI/UUNET	11.544	1200	Yes	Yes	\$35.00	-	-	-	-
Small World Software Inc	New York, NY	212-501-9800	smallworld.com	UUNET	0.099	9999	No	Yes	\$25.00	50	-	-	-
Spacelab.Net	New York, NY	212-633-7981	spacelab.net	AGIS/MCI/UUNET/DIGEX	45.000	207	Yes	Yes	\$25.00	-	-	-	-
Terra-Link ISP, Inc.	New York, NY	212-929-6500	terra-link.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
The Invention Factory Inc	New York, NY	212-431-5555	factory.com	Netcom	1.544	69	No	Yes	\$10.00	150	-	-	-
The Soho Internetwork Co	New York, NY	212-962-7646	sohonet.com	UUNET	3.088	12	Yes	No	\$30.00	40	\$1.00	-	-
Thing.net Communications	New York, NY	212-366-9738	thing.net	AGIS	3.088	16	Yes	No	\$20.00	-	-	-	-
Tunanet/Infohouse	New York, NY	212-805-2470	tunanet.com	MCI	3.088	150	Yes	Yes	\$20.00	-	-	-	-
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No	-	-	-	-	-
Walrus Internet	New York, NY	212-406-5000	walrus.com	MCI/UUNET	0.099	9999	Yes	Yes	\$35.00	-	-	-	-
ZONE ONE NETWORKS	New York, NY	212-292-8989	zone.net	MCI/Sprint	45.000	216	Yes	No	\$10.00	-	-	20.00	x2
Abest Network Services Inc	Flushing, NY	718-651-5010	abest.com	MCI	1.544	114	Yes	Yes	\$24.95	-	-	-	-
Abt Internet	Great Neck, NY	516-829-5484	abt.net	Sprint	1.544	24	No	No	\$19.95	-	-	-	-
Access3000, Inc.	Scarsdale, NY	914-472-2374	access3000.net	UUNET	1.544	48	Yes	Yes	-	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Advanced Systems Automation Inc	Edison, NJ	908-396-4340	asanet.com	UUNET/BBN	3.088	96	Yes	Yes	\$15.00	40	-	-	-
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afraspan.net	Sprint	1.544	8	Yes	No	\$20.00	160	\$1.95	-	-

AlbanyNet Inc	Albany, NY	518-462-6262	albany.net	MCI/Sprint	3.088	190	Yes	Yes	\$24.95	-	-	-	-	-	-	-	-	-
AMERICAN DATANET, INC.	Melville, NY	516-777-7778	americandata.net	UUNET	0.099	9999	Yes	Yes	\$16.95	-	-	-	16.95	-	-	-	x2	-
ASANet Internet Service	College Point, NY	718-539-2362	asan.com	BBN	1.544	200	No	No	\$16.95	-	-	-	-	-	-	-	-	-
Ascension Internet Services	Hicksville, NY	516-938-7750	ascensionet.com	Sprint	1.544	35	Yes	No	\$19.95	-	-	-	-	-	-	-	-	-
BrainLINK International	Richmond Hill, NY	718-805-6559	brainlink.com	Sprint	1.544	55	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-	-
CIPHERS NETWORK INC.	Brooklyn, NY	718-342-8171	ciphersnet.com	MCI	1.544	192	No	No	\$10.00	5	\$3.00	10.00	-	-	-	-	Rock56flex	-
Cloud 9 Consulting Inc	White Plains, NY	914-696-4000	cloud9.net	MCI	1.544	225	No	Yes	\$15.00	-	-	-	-	-	-	-	-	-
Computer.Net Llc	Pleasantville, NY	914-773-1130	computer.net	AGIS	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-	-	-	-
Connect2 Internet Networks, INC	Staten Island, NY	718-447-2600	con2.com	UUNET	3.088	310	No	Yes	\$18.95	-	-	-	-	-	-	-	-	-
Conquer Network	New York, NY	718-940-0792	conquer.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$25.00	-	-	-	-	-	-	-	-	-
Crusoe Communications Inc	Fairfield, NJ	201-882-1022	crusoe.net	UUNET	1.544	51	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
Cyber Connection Corp	Washington, DC	202-944-9700	cyberconnection.com	UUNET	0.099	-	Yes	No	-	-	-	-	-	-	-	-	-	-
CYBERNET DYNAMICS, INC.	Mamaroneck, NY	718-319-8821	cnd.net	UUNET	45.000	260	Yes	Yes	\$18.00	-	-	-	30.00	-	-	-	Rock56flex	-
CYBERNEX INC	Hackensack, NJ	201-457-3700	cybernex.net	Sprint/UUNET	3.088	1686	Yes	Yes	\$19.95	-	-	-	19.95	-	-	-	Rock56flex/LucK56flex	-
Dorsai Embassy	Long Island City, NY	718-392-3667	dorsai.org	AGIS/Sprint	0.099	9999	No	No	\$10.42	120	-	-	-	-	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-	-	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-	-	-	-	-	-
ExecNet	Mount Vernon, NY	914-667-2150	execnet.com	DIGEX	1.544	40	Yes	No	\$19.95	-	-	-	-	-	-	-	-	-
FSX Network Communications Corp	Staten Island, NY	718-815-2251	fsxnet.com	UUNET	1.544	15	No	No	\$16.95	-	-	-	-	-	-	-	-	-
Galaxy Internet Services	Needham, MA	617-433-5500	gis.net	AGIS	7.720	650	No	No	\$9.95	-	-	-	-	-	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-	-	-	-	-	-
Grand Central Networks Inc	Port Washington, NY	516-767-3325	grand-central.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-	-	-	-	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-	-	-	-	-	-
Hayes Communications Inc	Baldwin, NY	516-546-1589	hayescom.com	Sprint	1.544	30	Yes	No	\$18.00	-	-	-	-	-	-	-	-	-
HTP Net Inc	Commack, NY	516-864-8500	htp.net	UUNET	0.099	9999	Yes	Yes	\$26.00	-	-	-	-	-	-	-	-	-
HUDSONET INTERNET SERVICES	Hoboken, NJ	201-217-8284	hudsonet.com	MCI	3.088	53	Yes	Yes	\$25.00	-	-	-	25.00	-	-	-	x2	-
IBS interactive	Madison, NJ	201-301-0700	interactive.net	UUNET	10.000	650	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99	-	-	-	35.00	-	-	-	x2	-
Icom Inc	Flushing, NY	718-460-3100	icomkorea.com	BBN	1.544	35	No	Yes	\$18.00	-	-	-	-	-	-	-	-	-
Intercall, Inc.	Lyndhurst, NJ	201-939-2501	intercall.net	Sprint/UUNET/MCI	45.000	345	Yes	No	\$19.00	-	-	-	-	-	-	-	-	-
IQ Internet Services	Bellerose, NY	718-831-2650	nyiq.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-	-	-	-	-
KeyBoard Palace Online	Little Neck, NY	718-423-6741	kbp.com	Sprint	0.056	20	No	No	\$5.00	-	-	-	-	-	-	-	-	-
LibertyNet	Philadelphia, PA	215-387-6440	libertynet.org	MCI	1.544	1200	No	No	\$19.95	-	-	-	-	-	-	-	-	-
Lightning Internet Services LLC	Mineola, NY	516-248-8400	lightning.net	AGIS/Sprint/GoodNet	45.000	23	Yes	Yes	-	-	-	-	-	-	-	-	-	-
LI Net Inc	Smithtown, NY	516-265-0997	li.net	UUNET/BBN	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-	-	-	-	-	-
Long Island Information Inc	Melville, NY	516-468-3763	liii.com	Sprint	0.099	9999	Yes	No	\$20.00	-	-	-	-	-	-	-	-	-
Mark A Fry & Associates, Inc.	Whitehouse Station, NJ	908-534-5881	blast.net	Sprint/UUNET	6.176	198	Yes	Yes	\$18.95	-	-	-	-	-	-	-	-	-
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50	-	-	-	9.50	-	-	-	Rock56flex	-
MFT International	Flushing, NY	718-762-9519	mft.com	UUNET	0.099	9999	No	Yes	\$16.00	180	\$1.00	-	-	-	-	-	-	-



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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
212 Area Code ♦ NEW YORK													
Mikayola Intl Comm Network	East Brunswick, NJ	908-651-2001	mikayola.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Mnematics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00	-	-	-	-
Network Data Link Inc	Framingham, MA	508-877-7663	ndl.net	UUNET/MCI	3.088	76	Yes	Yes	\$15.00	60	\$1.00	-	-
NEW WORLD DATA CORP	Floral Park, NY	718-962-1725	nwdc.com	UUNET/Sprint/MCI	6.176	236	Yes	Yes	\$15.00	-	-	24.95	x2
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
North American Internet Service	Centerport, NY	516-757-1880	nais.com	UUNET	0.099	9999	Yes	Yes	\$13.95	-	-	-	-
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-	-	18.95	x2
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
Nysemet	Syracuse, NY	315-453-2912	nysemet.org	Sprint	0.099	9999	No	No	\$25.00	25	\$1.50	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
OmniNET International, Inc.	Princeton, NJ	609-734-7420	omniconnect.com	AGIS	3.088	440	Yes	Yes	\$17.95	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-
Peakaccess	Staten Island, NY	718-370-3360	peakaccess.net	CIX	0.099	9999	No	Yes	\$15.95	-	-	-	-
Planet Earth Communications	Staten Island, NY	718-720-4374	earthcom.net	MCI	3.088	135	Yes	Yes	\$12.95	-	-	-	-
PLANET POUCH INC..	Lindenhurst, NY	516-956-0032	pouch.com	Sprint	45.000	216	Yes	Yes	\$12.95	-	-	12.95	Rock56flex
Poland.Net	Hasbrouck Heights, NJ	201-393-7090	poland.net	MCI	1.544	50	No	No	\$19.95	-	-	-	-
Pure Source	Brooklyn, NY	718-922-1371	puresource.com	DIGEX	1.544	20	No	No	\$19.95	250	-	-	-
Quantize Communications	Hoboken, NJ	201-653-4616	quantize.com	Sprint	1.544	30	No	No	\$14.95	-	-	-	-
Rapid Ramp Inc	Staten Island, NY	718-967-5713	rapidramp.com	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
RCN Inc	Princeton, NJ	717-674-4181	starpas.net	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
Sky Web Inc	Old Bridge, NJ	908-613-0500	skyweb.net	MCI/UUNET	3.088	170	Yes	Yes	\$19.95	-	-	-	-
Smart Tech Communications	New York, NY	201-418-8181	smartec.com	UUNET	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Spec Net Inc	Hicksville, NY	516-735-9679	spec.net	UUNET/MCI	44.664	560	Yes	Yes	\$20.00	-	-	-	-
SPYRALNET LLC	Nyack, NY	914-348-7676	spyrat.net	DIGEX	1.600	192	No	Yes	\$19.95	-	-	29.95	x2
SuperLink	Milltown, NJ	908-828-8988	superlink.net	UUNET/Sprint	3.088	600	Yes	No	\$21.95	-	-	-	-
Technology Solutions Int'l.	Forest Hills, NY	718-575-9330	yourweb.net	AGIS/Sprint	4.632	12	Yes	No	\$8.00	90	-	-	-
THE CONNECTION	Jersey City, NJ	201-659-0300	cnct.com	Sprint/UUNET	3.088	126	Yes	No	\$19.50	-	-	19.50	x2
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	-
TNP Online Inc	Richmond Hill, NY	718-850-0727	tnp.com	MCI	3.088	84	Yes	Yes	\$15.00	-	-	-	-
TopNet Communications	New Rochelle, NY	914-632-5677	topnet.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00	-	-	35.00	x2
Villagenet Inc	Commack, NY	516-499-6707	villagenet.com	CWIX	3.088	999	Yes	No	\$17.95	-	-	-	-
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-	-	-	-
WEB EXPRESS INC	Bridgewater, NJ	908-722-2211	webex.net	Sprint	11.544	248	Yes	Yes	\$25.00	-	-	300.00	x2
World Network ISP	Woodbury, NY	516-563-4748	wnis.net	UUNET	0.099	9999	Yes	Yes	\$8.00	200	\$1.00	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

213 Area Code ♦ CALIFORNIA

BBS LA	North Hollywood, CA	213-737-8538	bbs-la.com	MCI	0.384	15	Yes	Yes	\$14.95	-	-	-	-
DirectNet	Los Angeles, CA	213-383-3144	directnet.com	UUNET	1.544	192	Yes	Yes	\$20.00	-	-	-	-
E-ZNET	Los Angeles, CA	213-738-9284	e-znet.com	CIX	1.544	20	No	No	\$24.95	-	-	-	-
Ikonet	Los Angeles, CA	213-286-2001	ikonet.com	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	-	-	24.95	x2/Rock56flex/LucK56flex

InternetConnect	Los Angeles, CA	213-637-3485	internetconnect.net	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-
KNet Services	Los Angeles, CA	213-462-1909	k-net.net	UUNET	1.544	106	Yes	Yes	\$19.95	-	-	-	-
LinkOnline Network	Los Angeles, CA	213-251-1500	linkonline.net	UUNET	45.000	500	No	Yes	\$19.95	-	-	-	-
ONLY MULTIMEDIA NETWORK	Los Angeles, CA	213-964-4900	only.com	MCI	3.088	740	No	Yes	\$10.00	-	-	49.95	x2
The Data Depot	Los Angeles, CA	213-663-9127	datadepot.com	Sprint/AGIS	4.632	500	Yes	Yes	\$15.00	-	-	-	-
The Loop	Los Angeles, CA	213-465-1311	loop.com	CRL	0.099	9999	No	No	\$12.99	-	-	-	-
Wincom Internet Services Inc	Los Angeles, CA	213-389-9417	wc.net	MCI	0.099	9999	No	Yes	\$24.00	-	-	-	-
2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95	550	\$2.00	-	-
95net Inc	Irvine, CA	714-222-1034	95net.com	AGIS	3.088	83	No	Yes	\$16.95	-	-	-	-
A Def Webserver & Internet Access	Los Angeles, CA	714-575-4400	adefwebserver.com	Sprint	0.256	28	No	No	\$19.95	-	-	-	-
A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	19.95	RockK56flex
A1 Data Services	Beverly Hills, CA	310-358-0202	gdsi.net	Sprint	0.099	9999	No	No	\$34.95	-	-	-	-
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	18.95	RockK56flex
AceWeb Network	North Hills, CA	818-891-5941	acweb.net	MCI	0.099	9999	No	Yes	\$8.00	30	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
ANET COMMUNICATIONS	Los Angeles, CA	310-659-0122	anet.net	MCI	1.544	180	Yes	Yes	\$16.00	-	-	16.00	x2
ARTSCI INC	Burbank, CA	818-843-4080	artsci.net	AGIS	1.544	68	No	Yes	\$19.95	-	-	29.95	LucK56flex
Ashford Communications	Torrance, CA	310-323-2934	ashford.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Bare Power Internet Services Inc	Los Angeles, CA	310-235-3500	barepower.net	MCI	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
BEACHNET INC	Marina del Rey, CA	310-823-3308	beachnet.com	AGIS	3.088	46	No	Yes	\$24.95	200	\$1.00	29.95	RockK56flex
Bestlink Inc	Pasadena, CA	818-432-7040	bestlink.net	MCI	0.099	9999	No	Yes	-	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Calcom Communications	Pasadena, CA	818-791-0578	calcom.com	UUNET	1.544	30	Yes	No	\$19.95	-	-	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
CCI Industries Inc	Fullerton, CA	714-738-7270	cci-internet.com	CIX	45.000	300	Yes	Yes	\$14.95	-	-	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-
Cheetah Communications Intl	Duarte, CA	310-694-3254	cheetah.net	AGIS	3.088	8	No	No	\$19.95	-	-	-	-
ClubNET, Inc.	Diamond Bar, CA	909-612-5888	clubnet.net	MCI/AGIS	12.088	200	Yes	Yes	\$18.40	-	-	-	-
CompuAll Inc	Fountain Valley, CA	714-964-2140	compuall.com	UUNET	0.099	9999	Yes	No	\$9.99	75	\$1.75	-	-
Connect America	Riverside, CA	909-275-5313	connectamerica.net	AGIS/ATMnet	4.632	600	Yes	Yes	\$15.95	-	-	-	-
CruzNet	Fullerton, CA	714-680-6600	cruznet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
CyberWeb	Chatsworth, CA	818-773-5777	cyberweb1.com	AGIS	0.099	9999	Yes	No	\$19.95	-	-	-	-
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150	\$1.50	-	-
Delta Internet Services	Anaheim, CA	714-490-2000	delta.net	UUNET	45.000	1800	Yes	Yes	\$19.95	-	-	-	-
DigiLink Network Services	Marina del Rey, CA	310-577-9450	digilink.net	MCI	10.000	391	Yes	Yes	-	-	-	-	-
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Electriciti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-
INTERNET COMMUNICATIONS	Van Nuys, CA	818-778-6990	ecom.net	Sprint	6.176	768	No	Yes	\$19.95	-	-	19.95	x2
First Internet Alliance	San Clemente, CA	714-366-1350	fia.net	AGIS	10.000	303	No	Yes	\$18.95	-	-	-	-
Flamingo Communications Inc	Torrance, CA	310-320-4886	fcom.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
Franklin InterNet	Westlake Village, CA	805-373-8688	ftel.net	MCI	45.000	1550	Yes	Yes	\$15.00	-	-	-	-
GENESIS NETWORK	Riverside, CA	909-361-0949	genesisnetwork.net	AGIS/UUNET	45.000	252	Yes	Yes	\$15.95	-	-	25.95	RockK56flex
GlassCity Internet, Inc.	Toledo, OH	888-452-7763	glasscity.net	Sprint	3.088	720	Yes	Yes	\$15.95	-	-	-	-
GLOBAL INTERNET	Orange, CA	714-937-5500	globalpac.com	AGIS/ATMnet/UUNET	12.352	1175	Yes	Yes	\$13.99	-	-	13.99	RockK56flex
GreenHeart Internet Services	South Pasadena, CA	818-799-9461	greenheart.com	MCI	1.544	100	No	No	\$19.95	-	-	-	-
Higgs America	Van Nuys, CA	818-899-1875	higgs.net	Genuity	45.000	-	Yes	No	-	-	-	-	-
Hotel California BBS	Artesia, CA	310-407-1321	kincyb.com	MAE West	0.099	9999	No	No	\$25.00	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/RockK56flex
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	29.95	x2
InteleNet Communications Inc	Irvine, CA	714-851-8250	intelenet.net	Sprint/MCI/BBN	45.000	250	Yes	Yes	-	-	-	-	-
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
213 Area Code ♦ CALIFORNIA													
Interline Communication Group	Torrance, CA	310-257-0960	interline.net	.BBN	0.099	9999	Yes	Yes	\$19.90	-	-	-	-
Internet & Web Services Corporation	San Diego, CA	619-794-8000	iwsc.com	AGIS	45.000	1728	Yes	Yes	\$14.95	-	-	-	-
Internet Business Services Inc	Anaheim, CA	714-635-9777	4ibs.com	CWIX	15.632	23	Yes	Yes	-	-	-	-	-
INTERNET TELEPRESENCE INC	Glendale, CA	818-638-0537	itgateway.com	UUNET	10.000	60	Yes	Yes	\$19.95	-	-	19.95	x2
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	\$29.99	100	\$1.00	-	-
Intifone Telecommunications System	Arcadia, CA	818-446-9176	sgvnet.com	Sprint	0.099	9999	No	No	\$9.95	10	\$1.95	-	-
Intonet Inc	Beverly Hills, CA	310-226-8674	intonet.net	CIX	1.544	29	No	Yes	\$19.95	-	-	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-
Jet.Net Internet Services	Chatsworth, CA	818-734-0168	jet.net	MCI	3.088	192	Yes	Yes	-	-	-	-	-
JovaNet Communications Inc	Marina del Rey, CA	310-577-5800	jovanet.com	MCI	45.000	35	No	No	\$19.95	200	\$1.00	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/RocK56flex
Kaiwan Corp	Irvine, CA	714-260-8888	kaiwan.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	-	-	9.99	RocK56flex/LucK56flex
KTB INTERNET ONLINE	Glendale, CA	818-240-6600	ktb.net	MCI/AGIS	3.088	208	Yes	Yes	\$15.00	-	-	25.00	x2
L.A. Bridge Inc.	Santa Monica, CA	310-450-5686	labridge.com	MCI	10.000	20	No	Yes	\$19.95	-	-	-	-
LOL Media / Eden BBS	Newport Beach, CA	714-548-7598	edenbbs.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
Leonardo Internet	Santa Monica, CA	310-395-5500	leonardo.net	MCI	0.099	9999	Yes	Yes	\$18.33	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
Los Nettos	Marina del Rey, CA	310-822-1511	los-nettos.net	MCI	45.000	-	Yes	No	-	-	-	-	-
MainNet	Culver City, CA	310-670-9995	mainnet.net	AGIS	1.544	260	Yes	Yes	\$9.99	-	-	-	-
MCS Internet Service Provider	Glendale, CA	818-542-3935	wman.com	AGIS	1.544	60	No	No	\$16.95	-	-	-	-
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-	-	-	-
Millenia	Signal Hill, CA	310-986-9785	millenia.com	UUNET	1.544	9	No	Yes	\$20.00	-	-	-	-
MJI Corp	Burbank, CA	818-569-4909	type3.net	MCI	1.544	-	Yes	No	-	-	-	-	-
MrlINTER.NET	Manhattan Beach, CA	310-320-2226	mrinter.net	Sprint	0.099	9999	No	Yes	\$19.50	-	-	-	-
Nayzak Communications	Anaheim, CA	714-520-8384	nayzak.com	MCI	1.544	300	Yes	No	\$14.95	-	-	-	-
NetSol Technologies	Walnut, CA	909-869-6455	netsol.net	AGIS/PSINet	3.088	150	Yes	No	\$15.00	-	-	-	-
Netus, Inc.	Orange, CA	714-288-9598	netus.com	AGIS/DIGEX/MCI	45.000	17	Yes	Yes	\$150.00	-	-	-	-
Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-	-	-	-
Netwood Communications	Los Angeles, CA	310-442-1530	netwood.net	MCI	1.544	55	No	No	\$19.95	-	-	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5	\$2.00	-	-
Network Sciences	Los Angeles, CA	310-208-7233	linkeasy.net	BBN	1.544	364	Yes	Yes	\$17.95	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
NodeWarrior NetWorks Inc	Marina del Rey, CA	310-574-5302	nodewarrior.net	MCI	45.000	-	Yes	No	-	-	-	-	-
OmniComm BBS	Lakewood, CA	562-938-9444	ocis.com	DataXchange	1.544	25	No	No	\$18.00	-	-	-	-
OneGlobe.Net	Long Beach, CA	562-495-6400	oneglobe.net	Sprint	1.544	23	No	No	\$19.95	-	-	-	-
Outwest Network Services Inc	Glendale, CA	818-500-9092	outwest.net	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-
PacLink Communications LLC	Pasadena, CA	818-583-1988	paclink.net	AGIS	45.000	230	Yes	Yes	\$14.95	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
PACIFICNET	Canoga Park, CA	818-717-9500	pacificnet.net	AGIS	10.000	1028	Yes	Yes	\$18.95	-	-	18.95	x2/LucK56flex
Paradomain Corp	Fullerton, CA	714-449-9408	pdc.net	MCI	0.099	9999	No	No	\$18.95	-	-	-	-
PCS	Norwalk, CA	562-483-6828	cyberpcs.com	AGIS	4.632	288	Yes	No	\$12.95	-	-	-	-
Ping Digital Systems	Hacienda Heights, CA	818-968-1480	pingdata.net	DIGEX	1.544	95	Yes	Yes	\$15.95	-	-	-	-
QuickCom Internet	Chatsworth, CA	818-773-5777	quickcom.net	AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-
QuickNet - ICG Inc	Newport Beach, CA	714-852-2100	quick.net	AGIS	45.000	512	Yes	No	\$20.00	-	-	-	-
SIMPLY INTERNET	San Diego, CA	619-565-7873	inetworld.net	CRL	1.544	286	No	Yes	\$15.76	-	-	-	-
Saigon Enterprises	Glendale, CA	818-246-0689	saigon.net	MCI	1.544	60	Yes	Yes	\$15.00	-	-	25.00	-
Silicon Networking	Van Nuys, CA	818-375-5099	silicon.net	AGIS	0.099	9999	No	Yes	\$18.95	-	-	-	-
SkyTier Networks LLC	Anaheim, CA	714-701-1310	skytier.net	MCI	1.544	36	Yes	Yes	\$15.95	-	-	-	-

SoftAware	Marina del Rey, CA	310-305-0275	software.com	GoodNet	45.000	-	Yes	No	-	-	-	-	-	-
SouthWest Nineteen Networks	Anaheim, CA	714-991-1919	snni.com	CRL	1.544	142	No	Yes	\$20.00	-	-	-	-	-
StarLink	Orange, CA	714-782-0515	starlinknet.net	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-	-
SureNet Corp	Manhattan Beach, CA	310-414-3330	sure.net	MCI	3.080	400	Yes	No	\$19.95	-	-	-	-	-
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	tcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	-	x2
The Mac Pros	El Segundo, CA	310-726-0555	macpros.com	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.50	-	-	-
The Web Presence Group	Redondo Beach, CA	310-793-2410	webpg.net	MCI	1.544	16	No	No	\$19.95	-	-	-	-	-
Thinline Communications	Arcadia, CA	818-294-1710	thinline.com	AGIS	1.544	2	Yes	Yes	\$15.95	-	-	-	-	-
Thirdwave Information Services	Santa Ana, CA	714-751-7614	lax.thirdwave.net	MCI	3.088	28	Yes	Yes	\$24.00	300	\$1.00	-	-	-
TIOcom	Laguna Niguel, CA	714-348-2957	tio.com	MCI	1.544	240	Yes	Yes	\$20.00	-	-	-	-	-
TYnet Inc	Marina del Rey, CA	818-991-3591	tynet.com	Sprint	45.000	-	Yes	No	-	-	-	-	-	-
VGS NetMedia Corp	Los Angeles, CA	310-915-6143	vgs.com	MCI	1.544	64	No	Yes	\$14.95	-	-	-	-	-
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200	\$1.00	-	-	-
VINET COMMUNICATIONS, INC.	Westminster, CA	714-418-0899	vinet.com	CRL	1.544	192	No	No	\$16.95	-	-	24.95	-	x2
Vision Internet Providers Inc	Los Angeles, CA	310-656-3100	netvip.com	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-	-
Vivid Internet Production	Walnut, CA	909-595-9988	vividnet.com	AGIS	1.544	300	Yes	No	\$15.00	-	-	-	-	-
WARENET	Mission Viejo, CA	714-348-3295	ware.net	MCI	45.000	106	Yes	Yes	\$50.00	-	-	50.00	-	x2
Western DataCom	Orange, CA	714-712-9050	wdc.net	MCI	0.099	9999	No	No	\$9.95	15	\$1.00	-	-	-
WESTWORLD COMMUNICATIONS	Chatsworth, CA	818-718-4100	westworld.com	IBM/UUNET	45.000	4740	Yes	Yes	\$19.95	-	-	29.95	-	Rock56flex
Winteractive Communications	Fountain Valley, CA	714-378-3768	winteractive.com	UUNET	3.088	20	No	No	\$15.00	-	-	-	-	-
WonderNet	Redondo Beach, CA	310-543-5123	wwi.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Worldsite Networks	Beverly Hills, CA	310-967-8000	worldsite.net	CRL	45.000	50	Yes	No	\$19.95	-	-	-	-	-

214 Area Code ♦ TEXAS

AltiNet Inc	Dallas, TX	214-754-7177	altinet.net	BBN	0.099	9999	No	No	\$9.95	-	-	-	-	-
CyberRamp Internet Services	Dallas, TX	214-340-2020	cyberramp.net	MCI/CRL	3.088	1016	Yes	Yes	\$9.95	-	-	-	-	-
Galaxy Access Network	Dallas, TX	214-522-3300	gan.net	Sprint	0.099	9999	Yes	No	\$5.00	-	-	-	-	-
INTERNET AMERICA	Dallas, TX	214-861-2500	airmail.net	UUNET/MAE East/CRL/MCI	45.000	4500	Yes	No	\$19.95	-	-	19.95	-	x2
Internet Global Services Inc	Lewisville, TX	214-221-1335	iglobal.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-
Inturmet Inc	Richardson, TX	214-783-0066	intur.net	CRL	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-
National Knowledge Networks Inc	Dallas, TX	214-880-0700	nkn.net	UUNET/Sprint/AGIS	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Nova Internet Services, Inc.	Dallas, TX	214-904-9600	nova1.net	MCI	1.544	220	Yes	Yes	\$19.95	-	-	-	-	-
Online Today	Dallas, TX	214-386-9905	onlinetoday.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-	-
Point of Presence Inc	Wylie, TX	214-442-5100	popi.net	UUNET	4.632	83	Yes	Yes	\$19.95	-	-	-	-	-
TeleTeam Internet	Dallas, TX	214-672-6720	teleteam.net	UUNET	10.000	115	Yes	Yes	-	-	-	-	-	-
The Internet Connection	Dallas, TX	214-652-0169	ticnet.com	UUNET	1.544	120	No	Yes	\$14.95	-	-	-	-	-
VisionWire Inc	Dallas, TX	214-523-9019	visionwire.net	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-
WORLDCOM NETWORKING SOLUT.	Dallas, TX	214-571-0509	1worldcom.com	Sprint	3.088	35	Yes	Yes	\$19.95	-	-	500.00	-	x2
123go	Dallas, TX	972-680-7800	123go.com	BBN	45.000	100	Yes	Yes	-	-	-	-	-	-
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	-	Rock56flex
ANET	Arlington, TX	817-461-2638	anet-dfw.com	MCI/Nap.Net	11.544	400	Yes	Yes	\$19.95	240	\$1.00	-	-	-
Access Zone	Fort Worth, TX	817-332-6448	azone.net	UUNET	1.544	36	No	No	\$19.95	-	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-	-
Advanced Network Technologies	Dallas, TX	972-248-1060	antech.net	DIGEX	3.088	368	No	Yes	\$25.00	-	-	-	-	-
ALABAMA ONLINE INC	Birmingham, AL	205-870-1242	alonline.com	MCI/Sprint	44.776	207	No	Yes	\$19.95	-	-	24.95	-	x2
AppLink Corp	Grapevine, TX	817-481-5507	applink.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Camelot Internet Access Services	Dallas, TX	972-733-3005	cias.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-	-
Chrysalis Online Services	Plano, TX	972-783-5099	chrysalis.org	Sprint/CRL	2.056	128	No	No	\$18.00	-	-	-	-	-
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-	-
CompuNet, INC.	Richardson, TX	972-994-0191	cmpu.net	Sprint/CRL	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Computer Generation Inc	Dallas, TX	972-918-9797	compugen.net	BBN	0.099	9999	No	No	\$19.95	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
214 Area Code ♦ TEXAS										
CONNECTNET, INC.	Dallas, TX	972-490-7100	connect.net	Sprint/MCI	6.176	435	Yes	Yes	\$24.95	24.95 x2
CrystalBall Internet Services	Carrollton, TX	972-418-9095	crystalball.com	CRL/MCI/Sprint/PSINet	6.304	64	Yes	No	\$14.95	-
Dallas Fort Worth Internet	Bedford, TX	817-355-6677	dfwisp.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-
Dallas Internet	Plano, TX	972-881-9595	dallas.net	Sprint	0.099	9999	No	Yes	\$24.95	-
DFW INTERNET SERVICES INC	Fort Worth, TX	817-332-5116	dfw.net	MCI	45.000	600	Yes	Yes	\$19.95	19.95 Rock56flex
DFW Multimedia	Dallas, TX	972-774-9630	dfwmm.net	UUNET	1.544	20	Yes	Yes	\$19.95	-
Electrotex Inc	Houston, TX	713-526-3456	electrotex.com	Sprint	0.099	9999	No	Yes	\$20.95	-
Ethos Communications Corp	Oklahoma City, OK	405-232-1687	oklahoma.net	Sprint	0.099	9999	No	Yes	\$14.95	-
FASTLANE COMMUNICATIONS	Fort Worth, TX	817-429-5263	fastlane.net	UUNET/Verio/Sprint	45.000	1280	Yes	Yes	\$19.95	19.95 Rock56flex/LucK56flex
Freeside Communications Inc	Austin, TX	512-458-9810	fc.net	UUNET/MCI/Sprint	12.352	65	Yes	No	\$20.00	60 \$0.50
Hex.Net Superhighway	Grapevine, TX	817-329-3182	hex.net	MCI	0.099	9999	No	No	\$19.95	-
ImaginNet Communications Ltd	Arlington, TX	817-516-0040	imagin.net	UUNET	1.544	216	No	Yes	\$15.00	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-
Internet Texoma, Inc	Denison, TX	903-465-9331	texoma.net	UUNET	0.099	9999	Yes	Yes	\$19.95	250
Intex.net	Dallas, TX	972-669-0999	intex.net	UUNET	0.099	9999	No	Yes	\$24.95	100 \$1.95
Johnson County Internet Svcs	Cleburne, TX	817-556-9557	jci.net	MCI	1.544	188	No	Yes	\$19.95	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11 \$2.00
Leapfrog Technologies	Abilene, TX	915-675-6850	abilene.com	CWIX	0.099	9999	Yes	Yes	\$19.95	-
LeaseNet Inc.	Dallas, TX	972-980-9319	leasenet.net	BBN	0.099	9999	No	Yes	-	-
MPS Computer Services, Inc.	Carrollton, TX	972-416-3698	mpsi.net	DIGEX	1.544	200	No	No	\$11.66	-
Netgazer Solutions Inc	Dallas, TX	972-702-9119	netgazer.net	Sprint	1.544	34	Yes	Yes	\$15.00	-
NSE Internet Service Inc	Biloxi, MS	601-374-6510	nse.com	MCI	3.088	88	Yes	Yes	\$17.95	-
Reallink Inc	Austin, TX	512-338-4824	reallink.com	DIGEX	0.099	9999	No	Yes	\$10.00	-
River Styx Systems	Little Elm, TX	972-346-2829	riverstyx.com	UUNET	1.544	66	Yes	Yes	\$15.00	-
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-
Spindlemedia Inc	Fort Worth, TX	817-332-5661	spindle.net	UUNET	3.088	240	Yes	Yes	\$19.95	-
StarText	Fort Worth, TX	817-390-7905	startext.net	UUNET	0.099	9999	No	No	\$19.95	-
Starlink Information Systems, Inc	Texarkana, TX	903-831-7566	stlinknet.com	CRL	3.088	193	Yes	Yes	\$19.99	-
Texas CyberConnect	Hurst, TX	817-589-0517	txcc.net	MCI	3.088	102	Yes	No	\$19.95	-
Texas-Inet	Plano, TX	972-422-9556	texas-inet.net	DIGEX	1.544	72	Yes	Yes	\$19.00	-
Texas Metronet Inc	Eules, TX	817-267-2031	metronet.com	AGIS/Sprint/MCI/UUNET	2.312	234	No	Yes	\$16.00	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	19.95 x2/RocK56flex/LucK56flex
WAYMARK INTERNET SERVICES	Dallas, TX	972-409-9800	waymark.net	UUNET	1.544	348	Yes	Yes	\$19.95	24.95 x2
WEBWIDE NETWORK COMMUN.	Greenville, TX	903-450-8700	webwide.net	MCI/DIGEX	3.088	988	Yes	Yes	\$18.50	30.00 x2
Why? Network	Arlington, TX	817-795-1765	why.net	Sprint	0.099	9999	No	Yes	\$8.25	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-

215 Area Code ♦ PENNSYLVANIA

BlackBoard Networks Inc	Bristol, PA	215-788-5196	blackboard.com	UUNET	1.544	30	No	No	\$15.00	-
COMCAT INC	Doylestown, PA	215-489-8875	comcat.com	DIGEX/MCI	6.176	464	Yes	Yes	\$19.95	19.95 Rock56flex
Cyberix Inc	Warminster, PA	215-957-7730	cyberix.com	UUNET	1.544	100	No	No	\$18.95	-
Dynanet	Warminster, PA	215-773-0700	dynanet.com	AGIS	1.544	660	Yes	Yes	\$17.95	-
HPNET, INC	Willow Grove, PA	215-658-1999	hpnet.com	Sprint	1.544	144	Yes	Yes	\$19.95	19.95 x2
LibertyNet	Philadelphia, PA	215-387-6440	libertynet.org	MCI	1.544	1200	No	No	\$19.95	-
Metrotron	Philadelphia, PA	215-985-4317	metrotron.com	MAE East	0.099	9999	No	No	\$17.95	-
Micro Control Inc	Yardley, PA	215-321-7474	micro-ctrl.com	UUNET	0.099	9999	No	No	\$19.95	-
NAVPOINT	Glenide, PA	215-836-4600	navpoint.com	Sprint	1.544	79	Yes	Yes	\$20.00	20.00 x2

Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-	-	-	-	-
NETCARRIER INC	Telford, PA	215-257-4917	netcarrier.com	UUNET	3.088	502	Yes	Yes	\$17.95	-	-	-	-	-	-	-	-
NetReach	Fort Washington, PA	215-283-2300	netreach.net	DIGEX	3.088	520	Yes	Yes	\$19.95	-	-	-	-	-	-	-	x2/Rock56flex
Onix BBS and Internet Service	Bala Cynwyd, PA	215-877-4656	onix.com	MCI	1.544	44	No	No	\$20.00	24	-	-	-	-	-	-	-
PlaNet Alpha, Inc.	Philadelphia, PA	215-276-7400	planets.net	UUNET	1.544	64	Yes	No	\$17.95	-	-	-	-	-	-	-	-
PlantagaNet Inc	Doylestown, PA	215-489-2850	plantaganet.com	MAE East	1.544	124	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-
STARLINX	Newtown, PA	215-579-0589	starlinx.com	Sprint	1.544	192	No	No	\$16.95	-	-	-	-	-	-	-	Rock56flex
Surf Network	Willow Grove, PA	215-784-7010	p3.net	UUNET	0.099	9999	Yes	Yes	\$18.00	-	-	-	-	-	-	-	-
SYMLINK, INC.	Philadelphia, PA	215-972-0059	sym-link.net	Sprint	1.544	96	Yes	Yes	\$10.95	-	-	-	-	-	-	-	Rock56flex/LucK56flex
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-	-	-
AAA NETWORKS	Falls Church, VA	703-237-7400	aanetworks.net	PSINet	30.000	48	Yes	Yes	-	-	-	-	-	-	-	-	x2
ACCESS 2000	West Chester, PA	610-692-9205	axs2000.net	MAE East/Sprint	3.088	112	Yes	Yes	\$17.00	-	-	-	-	-	-	-	x2
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	-	-	-	-	-	Rock56flex
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-	-	-	-	-
Bee.Net	Exton, PA	610-280-2274	bee.net	MCI	1.544	9999	No	No	\$19.95	-	-	-	-	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-	-	-	-	-
Chester County Internet Srvs Inc	Downingtown, PA	610-518-5700	chesco.com	AGIS	3.088	602	No	Yes	\$19.95	-	-	-	-	-	-	-	-
CyberENET Network	Berlin, NJ	609-753-9840	cyberenet.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-
Data Matrix, Incorporated	West Chester, PA	610-701-5814	dmatrix.com	Netcom	3.088	-	Yes	No	-	-	-	-	-	-	-	-	-
DCANet	Wilmington, DE	302-654-1019	dca.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$19.95	90	\$0.50	-	-	-	-	-	-
DELAWARE ONLINE	Wilmington, DE	302-762-0375	dol.net	Sprint	3.084	610	Yes	Yes	\$10.00	15	-	-	-	-	-	-	x2
Delaware Valley On Line	Drexel Hill, PA	610-394-0900	dvol.com	MAE East	1.544	200	Yes	No	\$15.00	-	-	-	-	-	-	-	-
DPNet	Newark, DE	302-366-0801	dpnet.net	Sprint/MCI	3.088	245	Yes	Yes	\$15.00	-	-	-	-	-	-	-	-
EARLY ACCESS	Kutztown, PA	610-683-8901	early.com	MCI/UUNET	9.000	1972	Yes	Yes	\$9.95	-	-	-	-	-	-	-	x2/Rock56flex/LucK56flex
EarthStation Inter.net	King of Prussia, PA	610-962-1010	earthstation.net	Sprint	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-	-	-	-	-
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	-	-	-	-	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-	-	-	-	-
FASTNET/ YOU TOOLS CORP	Bethlehem, PA	610-289-1100	fast.net	UUNET/Sprint/MCI	45.000	5990	Yes	Yes	\$19.95	-	-	-	-	-	-	-	x2/Rock56flex/LucK56flex
FishNet	King of Prussia, PA	610-337-9994	pond.com	Sprint	1.544	140	Yes	No	\$19.95	-	-	-	-	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-	-	-	-	-
Global Internet Management	Bala Cynwyd, PA	610-617-4515	gim.net	AGIS	0.099	9999	No	No	\$15.00	-	-	-	-	-	-	-	-
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95	-	-	-	-	-	-	-	x2
INET COMMUNICATIONS	Newark, DE	302-454-1780	inet.net	MCI/Sprint	3.088	485	Yes	Yes	\$17.95	-	-	-	-	-	-	-	x2
INET CONNECT	Columbia, PA	717-684-2567	inetconnect.com	Sprint	1.544	60	Yes	Yes	\$25.00	300	\$1.00	-	-	-	-	-	x2/Rock56flex
Internet Access Consortium Inc	Marlton, NJ	609-778-1653	iacnet.net	MAE East	1.544	20	Yes	Yes	\$10.00	-	-	-	-	-	-	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iaonet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-
InterNet Connect	Broomall, PA	610-690-2197	icdc.com	Sprint	1.544	193	No	No	\$14.95	24	-	-	-	-	-	-	-
Internet Tidal Wave	Bethlehem, PA	610-882-4220	itw.com	UUNET	3.088	250	Yes	No	\$18.95	-	-	-	-	-	-	-	-
Internet21 Inc	Newark, DE	302-369-2500	i21.com	Sprint	1.544	20	No	Yes	\$19.95	-	-	-	-	-	-	-	-
KeyStone Network	West Chester, PA	610-431-1995	keystonenet.com	Sprint	1.544	30	No	No	\$14.95	90	\$1.00	-	-	-	-	-	-
localconnect	Monroeville, PA	412-373-8888	nb.net	CRL	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-	-	-
Microserve Information Systems	Wilkes Barre, PA	717-821-5964	microserve.net	MCI/MAE East/MAE West/Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-
NERC Online	Princeton, NJ	609-452-8060	nerc.com	Sprint	1.544	35	No	No	\$15.00	8	-	-	-	-	-	-	-
Network Analysis Group	Allentown, PA	610-391-1434	freedom.net	ANS	0.099	9999	No	No	\$25.00	-	-	-	-	-	-	-	-
NUNET, INC	Bethlehem, PA	610-882-5600	nni.com	DIGEX	45.000	1825	No	Yes	\$18.95	-	-	-	-	-	-	-	Rock56flex/LucK56flex
Oasis Telecommunications Inc	Whitehall, PA	610-439-8560	ot.com	MCI/CWIX	6.176	60	No	No	\$18.00	-	-	-	-	-	-	-	-
OpNet	Bryn Mawr, PA	610-520-2880	op.net	AGIS/CRL	3.088	400	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-	-	-	-	-
PREPnet	Pittsburgh, PA	412-268-7870	prep.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-
ProLog	Palmerton, PA	610-826-6130	ptd.net	ANS/UUNET	44.776	2477	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-
RAVENET SYSTEMS INC	Yorklyn, DE	302-993-8420	ravenet.com	UUNET/MCI	3.088	441	Yes	Yes	\$25.00	-	-	-	-	-	-	-	x2
SNIP	Blackwood, NJ	609-228-2300	snip.net	Sprint/UUNET	3.088	534	Yes	Yes	\$12.42	-	-	-	-	-	-	-	x2
Tekconnect Inter-Networks	Cherry Hill, NJ	609-751-9595	tekconnect.net	MCI	3.088	96	Yes	Yes	-	-	-	-	-	-	-	-	-
THE MAGNETIC PAGE	Wilmington, DE	302-651-9753	magpage.com	UUNET/Sprint/MAE East	9.264	472	Yes	Yes	\$20.00	-	-	-	-	-	-	-	Rock56flex

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
215 Area Code ♦ PENNSYLVANIA													
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00	-	-	15.00	x2
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
216 Area Code ♦ OHIO													
Access Link	Cleveland, OH	216-521-5465	acclink.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
Acme Express Inc	Cleveland, OH	216-391-7400	interax.com	AGIS	0.099	9999	No	Yes	\$20.00	-	-	-	-
APK Net Ltd	Cleveland, OH	216-241-7166	apk.net	MCI/UUNET/MCI	4.632	350	Yes	Yes	\$20.00	-	-	-	-
BUCKEYE INTERNET SERVICES	Willoughby, OH	216-953-1900	buckeyeweb.com	BBN/BBN	3.088	1200	Yes	Yes	\$20.00	-	-	20.00	Luck56flex
CyberDrive	Solon, OH	216-498-8020	cyberdrive.net	Sprint/UUNET	0.099	9999	Yes	No	\$12.95	30	\$2.00	-	-
Erienet Communications	Lorain, OH	216-960-5300	erienet.net	MCI	1.544	140	No	No	\$19.95	-	-	-	-
Exchange Network Services, Inc.	Cleveland, OH	216-615-9400	en.com	UUNET/AGIS	7.720	650	Yes	No	\$20.00	-	-	-	-
Gateway to Internet Services	Cuyahoga Falls, OH	216-656-5511	gwis.com	MCI	1.544	180	Yes	Yes	\$20.00	-	-	-	-
HARBOR COMMUNICATIONS	Painesville, OH	216-639-0705	harborcom.net	Sprint	1.544	403	Yes	Yes	\$19.95	300	\$1.00	19.95	RocK56flex/Luck56flex
Interlaced Communications	Ashtabula, OH	216-998-6877	interlaced.net	MCI	1.544	82	Yes	Yes	\$25.00	-	-	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
LIGHTSTREAM INTERNET INC	Mentor, OH	216-269-2352	lightstream.net	CWIX/CRL/GoodNet	13.088	279	Yes	Yes	\$20.00	300	\$0.50	20.00	x2/RocK56flex
MARINAR TECHNOLOGY CO.	Painesville, OH	216-354-1458	marinar.com	Sprint	1.544	21	No	Yes	\$20.00	-	-	20.00	x2
Multiverse	Cleveland, OH	216-344-3080	multiverse.net	MCI/ANS	4.632	60	Yes	No	\$20.00	300	-	-	-
NetLink Services, Inc.	Twinsburg, OH	216-468-5100	nls.net	ANS/Sprint	3.088	106	Yes	Yes	\$18.95	-	-	-	-
NEW AGE CONSULTING SERVICE	Cleveland, OH	216-619-2000	nacs.net	MCI/UUNET	45.000	212	Yes	Yes	\$15.00	350	-	25.00	Luck56flex
NORTH COAST WEB	Fairport Harbor, OH	216-257-6480	ncweb.com	UUNET/ANS	3.088	216	No	No	\$15.00	-	-	25.00	x2
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-	-	18.95	x2
Pantek Internet Services	Chagrin Falls, OH	216-543-7873	pantek.com	MCI	1.544	25	Yes	No	\$20.00	-	-	-	-
PC-OHIO INC	Cleveland, OH	216-291-3307	pcohio.com	ANS	1.544	50	No	No	\$12.95	-	-	-	-
RMRC Ltd	Willoughby, OH	216-269-3839	rmrc.net	ANS	1.544	50	Yes	Yes	\$20.00	-	-	-	-
STRATOS INTERNET GROUP, INC.	Cleveland, OH	216-902-4330	stratos.net	ANS	10.000	2944	Yes	Yes	\$9.95	-	-	9.95	RocK56flex/Luck56flex
Suite 224 Internet	Conneaut, OH	216-593-7113	suite224.net	Sprint	45.000	93	Yes	No	\$29.95	-	-	-	-
WORLDNET OHIO	Cleveland, OH	216-561-9447	worldnetoh.com	MCI	1.544	35	No	No	\$12.00	60	\$0.45	12.00	x2
AMERICAN HEALTHCARE INFO	Sandusky, OH	419-626-0040	amnorth.com	PSINet	1.544	56	No	No	\$19.95	-	-	19.95	x2
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Auldhaefen Online Services	Akron, OH	330-745-9380	ald.net	MCI/UUNET	0.099	9999	Yes	No	\$15.00	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
CLOVER.NET	Coshocton, OH	614-622-0028	clover.net	MCI	1.544	180	Yes	Yes	\$19.95	200	\$0.35	27.95	x2
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5	\$2.25	-	-
config.sys Productions, LTD.	Ravenna, OH	330-297-9595	config.com	MCI/UUNET	6.176	80	Yes	Yes	\$20.00	-	-	-	-
ENET INC	Columbus, OH	614-794-5971	ee.net	MCI/Sprint	9.264	115	Yes	Yes	\$12.50	-	-	12.50	x2
Imperium Internet	Canton, OH	330-478-3600	imperium.net	MCI/MCI	3.088	572	Yes	Yes	\$17.95	-	-	-	-
INFINET (INFINITE SYSTEMS)	Columbus, OH	614-241-2990	infinet.com	MCI/Sprint	4.632	1070	Yes	Yes	\$19.95	-	-	19.95	x2
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Internet Ohio	Medina, OH	330-723-1633	ohio.net	MCI/Sprint/UUNET	0.099	9999	Yes	No	\$15.00	15	\$1.50	-	-
LEK INTERNET SERVICES	Akron, OH	330-535-1199	lek.net	Sprint/UUNET/MCI/ANS	45.000	144	Yes	Yes	\$19.95	-	-	19.95	x2
Moore Technologies	Toledo, OH	419-389-8277	mooretech.net	AGIS	3.088	630	Yes	No	\$19.95	-	-	-	-
NIS Online	Uniontown, OH	330-628-0641	nisonline.com	Netcom	0.099	9999	No	No	\$14.95	-	\$1.00	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
Telerama Public Access Internet	Pittsburgh, PA	412-481-3505	lm.com	Sprint	0.099	9999	No	No	\$20.00	90	\$2.00	-	-
USA OnRamp	Pittsburgh, PA	412-391-4382	usaor.net	AGIS	3.088	610	Yes	Yes	\$19.95	-	-	-	-
WINFIELD COMMUNICATION INC	Akron, OH	330-867-2904	winc.com	UUNET	1.544	58	Yes	Yes	\$19.95	-	-	40.00	x2

217 Area Code ♦ ILLINOIS

Abe-Link Internet	Lincoln, IL	217-735-1952	abelink.com	MCI	0.099	9999	No	No	\$30.00	-	-	-	-
Adams NetWorks	Golden, IL	217-696-4411	adams.net	MCI	1.544	180	No	No	\$18.95	-	-	-	-
AdvanceNet	Champaign, IL	217-356-4009	advancenet.net	UUNET/AGIS	45.000	280	Yes	Yes	\$12.00	-	-	-	-
Basic Communications Ltd	Quincy, IL	217-221-5400	bcl.net	Sprint/UUNET/MCI	4.632	384	Yes	Yes	\$20.00	-	-	-	-
Cimarron Network Services Inc	Springfield, IL	217-698-4850	cnsnet.net	MCI	1.544	30	Yes	Yes	\$20.00	-	-	-	-
CityScape Communications	Springfield, IL	217-535-1010	cityscape.net	MCI	1.280	55	Yes	Yes	\$20.00	-	-	-	-
Computer-N-More	Taylorville, IL	217-824-2700	cnmnet.com	MCI	0.099	9999	No	No	\$24.95	-	-	-	-
CUMBERLAND INTERNET, INC.	Greenup, IL	217-923-5115	rr1.net	MCI	1.544	128	No	No	\$29.95	200	\$1.00	29.95	Rock56flex/LucK56flex
EOS, Inc.	Springfield, IL	217-241-6006	eosinc.com	MCI	0.099	9999	No	No	\$14.95	-	-	14.95	-
FGInet Inc	Springfield, IL	217-544-2775	fgi.net	MCI	4.632	350	Yes	Yes	\$20.00	-	-	-	-
Hoopeston Online	Champaign, IL	217-359-4455	hoopeston.com	SAVVIS	12.000	15	No	No	\$32.00	-	-	-	-
IlliniNetworks	Springfield, IL	217-698-6063	inw.net	MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-
LTM Computer Systems	Camp Point, IL	217-593-6591	ltm.com	BBN	45.000	68	Yes	Yes	\$18.49	-	-	-	-
Marble Systems Group	Decatur, IL	217-424-2600	marble.net	MCI	1.544	48	Yes	Yes	\$25.00	-	-	-	-
Net66	Champaign, IL	217-328-0066	net66.com	UUNET/Sprint	3.088	128	Yes	Yes	\$9.95	25	\$0.85	-	-
Paxton Online	Champaign, IL	217-379-3262	paxton.net		12.000	10	No	No	\$32.00	-	-	-	-
QUANTUM COMMUNICATIONS	Decatur, IL	217-875-9335	q-com.com	SAVVIS	1.544	96	Yes	No	\$19.95	-	-	19.95	Rock56flex
RiverNet, Inc.	Quincy, IL	217-224-319	met.com	MCI	1.544	56	No	No	\$19.00	-	-	-	-
ServerCom, Inc.	Champaign, IL	217-352-0034	servercom.com	MCI	1.544	-	Yes	No	-	-	-	-	-
Shouting Ground Technologies Inc	Champaign, IL	217-351-7921	shout.net	UUNET	3.088	56	Yes	Yes	\$17.50	60	\$0.25	-	-
SOL TEC INC	Champaign, IL	217-355-7659	soltec.net	AGIS	1.544	115	Yes	Yes	\$20.00	-	-	30.00	x2
Webmart	Decatur, IL	217-422-5688	webmart.net	MCI	0.384	40	No	No	\$20.00	250	-	-	-
Xelnet	Effingham, IL	217-342-7675	xelnet.com	MCI	1.544	30	No	No	\$30.00	-	-	-	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
DAVE'S WORLD INC	Bloomington, IL	309-663-0874	dave-world.net	MCI	1.544	430	Yes	Yes	\$19.95	-	-	19.95	x2
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-
US INTERNET	Columbia, MO	573-446-8442	usi.com	MCI	1.544	120	No	Yes	\$15.95	-	-	15.95	Rock56flex
WorldWide Communications Network	Bunker Hill, IL	618-585-3693	www.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-

218 Area Code ♦ MINNESOTA

COMPUTERPRO INTERNET	Duluth, MN	218-722-4245	computerpro.com	MCI/Sprint	3.088	214	Yes	Yes	\$19.95	-	-	19.95	x2
Internet Access, inc.	Bemidji, MN	218-755-9879	bji.net	MCI	1.544	25	Yes	No	\$17.99	-	-	-	-
Rangenet Computer Services	Virginia, MN	218-741-5025	rangenet.com	MCI/Sprint	45.000	19	No	No	\$27.00	50	\$1.50	-	-
USLink Long Distance	Pequot Lakes, MN	218-568-2231	uslink.net	MCI	1.544	200	No	No	\$20.00	120	\$1.50	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
Corporate Communications	Fargo, ND	701-277-0011	corpcomm.net	MCI/AGIS/UUNET	4.632	123	Yes	Yes	\$17.95	50	\$1.00	-	-
ENTERPRISE NETWORK SYSTEMS	Eagan, MN	612-683-9141	ens.net	Sprint	1.544	28	Yes	No	\$25.00	120	\$2.50	45.00	x2
Gaffaney's The Office Place	Grand Forks, ND	701-746-6466	gaffaneys.com	MCI	1.544	16	Yes	No	\$25.00	-	-	-	-
incNET Inc	Eden Prairie, MN	612-943-3946	incnet.com	MCI	1.544	22	Yes	Yes	\$2.00	-	-	-	-
InterNetwork Services	Maple Grove, MN	612-391-7300	inet-serv.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
Interactive Satellite Internet Svcs	Rigby, ID	208-745-8552	axxess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex
Minnesota Regional Network	Minneapolis, MN	612-362-5800	mr.net	MCI/Sprint	0.099	9999	No	No	\$29.00	120	\$2.00	-	-
NetWork Center Inc	Fargo, ND	701-235-0940	netcenter.net	MCI	0.099	9999	No	No	\$30.00	85	\$2.95	-	-
Red River Net Inc	Fargo, ND	701-232-2227	rnet.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
RUNESTONE TELEPHONE ASSN.	Hoffman, MN	320-986-6602	runestone.net	MCI	1.544	64	No	No	\$19.95	-	-	19.95	x2

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
218 Area Code ♦ MINNESOTA													
SkyPoint Communications Inc	Wayzata, MN	612-475-2959	skypoint.com	MCI	3.088	423	Yes	Yes	\$24.95	-	-	-	-
SOFTWARE SOLUTIONS LTD.	Fargo, ND	701-293-3197	linkup.net	MCI	1.544	96	Yes	No	\$20.00	-	-	20.00	x2
Spacestar Communications	Eden Prairie, MN	612-996-0000	spacestar.net	MCI/Sprint/MCI/Sprint	0.099	9999	Yes	Yes	\$8.95	15	\$1.00	-	-
The Quest Online Service	Grand Forks, ND	701-775-5555	thequest.net	UUNET	1.544	48	No	No	\$19.95	-	-	-	-

219 Area Code ♦ INDIANA													
Automated Data Systems	Michigan City, IN	219-879-6600	adsnet.com	Sprint	3.088	120	Yes	Yes	\$20.00	300	\$1.75	-	-
CQ Internet Services	Logansport, IN	219-732-0019	cqc.com	UUNET	1.544	50	No	No	\$10.00	80	\$0.10	-	-
Crown.Net Inc	Portage, IN	219-762-1431	crown.net	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
Custom Logic Systems, Inc	Mishawaka, IN	219-255-5201	cl-sys.com	UUNET	1.544	-	Yes	No	-	-	-	-	-
CyberLink, Incorporated	South Bend, IN	219-235-1400	cyberlink-inc.com	UUNET	1.544	80	Yes	No	\$15.00	-	-	-	-
DATA CRUZ INTERNET	Mishawaka, IN	219-256-1138	datacruz.com	UUNET	1.544	96	Yes	Yes	\$25.00	-	-	25.00	x2
First Link	South Bend, IN	219-674-2448	fstlink.com	PSINet	0.056	12	No	No	\$15.00	-	-	-	-
Fort Wayne Internet	Fort Wayne, IN	219-426-7701	fwi.com	UUNET	3.088	848	Yes	Yes	\$19.95	-	-	-	-
Fourway Computer Products, Inc.	South Bend, IN	219-277-7720	fourway.net	MCI	0.099	9999	No	No	\$30.00	-	-	-	-
ICON Group	Crown Point, IN	219-662-5819	icongrp.com	MCI	0.099	9999	No	Yes	\$13.95	-	-	-	-
Internet Central, Inc.	Fort Wayne, IN	219-744-7444	centralnet.net	MCI	1.544	80	Yes	No	\$19.95	-	-	-	-
JORMS Internet	Dyer, IN	219-322-2180	jorsm.com	MCI	1.544	70	Yes	No	\$18.95	-	-	-	-
KC Online	Winona Lake, IN	219-267-1480	kconline.com	MCI	0.099	9999	Yes	No	\$14.95	-	-	-	-
Locl-Net, Inc.	Angola, IN	219-668-7474	locl.net	DIGEX	1.544	60	No	No	\$19.95	24	\$2.80	-	-
Monti.Net Communications	Monticello, IN	219-583-7352	monti.net	UUNET	0.128	48	No	No	\$10.00	50	\$5.00	-	-
netBahn, Inc.	Goshen, IN	219-533-1930	netbahn.net	UUNET	1.544	16	No	No	\$25.00	-	-	-	-
NETNITCO INTERNET SERVICES	Hebron, IN	219-996-7000	netnitco.net	MCI	3.088	1632	No	No	\$18.50	-	-	18.50	x2
NEW PARIS TELEPHONE	New Paris, IN	219-831-2176	npcc.net	Sprint	1.544	56	No	Yes	\$5.00	5	-	5.00	x2
Northern Indiana Internet Inc	Chesterton, IN	219-929-6442	niiia.net	Sprint	0.099	9999	No	Yes	\$19.50	-	-	-	-
PLA-NET INC	Merrillville, IN	219-756-1675	pla-net.net	MCI	1.544	148	Yes	Yes	\$21.00	-	-	60.00	x2
SKYENET INC	South Bend, IN	219-239-7000	skyenet.net	MAE West	45.000	375	Yes	Yes	\$19.95	-	-	40.00	x2
Supernova Systems Inc	Bluffton, IN	219-824-9612	parlorcity.com	UUNET	1.544	67	No	No	\$19.00	-	-	-	-
SurfNet Inc	Munster, IN	219-836-7873	surfnetinc.com	MCI	1.544	66	No	No	\$17.95	-	-	-	-
THE CONNECTING PLACE BBS/ISP	South Bend, IN	219-283-0450	tcpbbs.net	MAE West	1.544	19	Yes	Yes	\$19.95	-	-	24.95	x2
TheLocalNet LLC	Goshen, IN	219-534-8000	tlm.net	CRL	45.000	32	Yes	No	\$10.95	10	\$2.00	-	-
TSR Communications	Hammond, IN	219-641-7216	tsrcom.com	GoodNet	0.099	9999	No	No	\$21.00	-	-	-	-

Affordable Internet To All	New Whiteland, IN	317-308-6900	ai2a.net	MCI/UUNET	0.099	9999	No	No	\$5.00	120	\$5.00	-	-
AMERICAN COMM & ENT NTWK	Chicago, IL	312-808-9600	acen.net	BBN	45.000	507	Yes	Yes	\$5.95	-	-	5.95	x2
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
BlueMarble Information Services	Bloomington, IN	812-335-8677	bluemarble.net	MCI	1.544	54	No	No	\$19.50	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
CIOE Corp	Lafayette, IN	317-449-4000	cioe.com	Sprint	45.000	425	Yes	No	\$20.00	-	-	-	-
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5	\$2.25	-	-
Data Management Consultants Inc	Hillsdale, MI	517-437-7349	dmci.net	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-
DCWI	Brookston, IN	317-563-3504	dcwi.com	Sprint	0.099	9999	No	No	\$8.25	10	\$0.50	-	-
Eclipse America Corp	Indianapolis, IN	317-580-0658	epower.net	UUNET/Sprint	3.088	-	Yes	No	-	-	-	-	-
Enter.net Inc	Allentown, PA	610-437-2221	enter.net	MCI	0.099	9999	No	No	\$15.95	-	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
Kwom Communications Inc	Glen Ellyn, IL	630-253-3568	kwom.com	AGIS	0.099	9999	No	Yes	\$25.00	-	-	-	-
Quantum Connections Inc	Benton Harbor, MI	616-926-4242	qtm.net	Sprint	1.544	260	Yes	Yes	\$14.95	400	\$0.95	-	-
Space Age Electronics Inc	Kokomo, IN	317-453-7137	netusa1.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-

240 Area Code ♦ MARYLAND

ABSNET INTERNET SERVICES	Baltimore, MD	410-361-8160	abs.net	CAIS	45.000	300	Yes	Yes	\$15.00	90	\$1.00	15.00	Rock56flex
Hermes Internet Service	Washington, DC	202-646-1640	hermesnet.net	CAIS	1.544	55	Yes	No	\$20.00	-	-	-	-

246 Area Code ♦ BARBADOS

BIOS Inc	Bridgetown	246-435-2467	sunbeach.net	CWIX	0.099	9999	Yes	No	\$32.50	-	-	-	-
CaribNet	Bridgetown	246-431-0415	caribnet.net	CWIX	1.544	60	No	No	\$27.50	-	-	-	-
Network Data Link Inc	Framingham, MA	508-877-7663	ndl.net	UUNET/MCI	3.088	76	Yes	Yes	\$15.00	60	\$1.00	-	-

248 Area Code ♦ MICHIGAN

EagleQuest Inc	Rochester, MI	810-650-4700	eaglequest.com	AGIS	1.544	68	No	No	\$19.95	150	-	-	-
MICH.COM, INC.	Farmington Hills, MI	810-442-1000	mich.com	MCI	0.768	943	Yes	Yes	\$19.95	80	\$0.60	19.95	Rock56flex/LucK56flex
SpeedLink	Pontiac, MI	810-334-5492	speedlink.net	AGIS	1.544	30	Yes	No	\$15.50	-	-	-	-

250 Area Code ♦ BRITISH COLUMBIA

Arrowsmith Electronics	Coombs, BC	250-248-4129	bcsupernet.com	MCI	3.088	32	No	No	\$20.00	50	\$1.00	-	-
Borealis Communications Group Inc	Prince George, BC	250-562-0616	pgweb.com		1.672	71	Yes	Yes	\$10.00	10	\$1.50	-	-
Brookline Internet Inc	Victoria, BC	250-595-6965	brookenet.com	MCI	10.000	65	No	No	\$29.95	30	\$2.00	-	-
Cowichan Valley Net	Cobble Hill, BC	250-743-2748	cvnet.net	Sprint	1.544	25	Yes	No	\$20.00	60	\$1.00	-	-
Earth Commerce Inc	Victoria, BC	250-727-3460	earthcommerce.com	Sprint	13.088	8	No	Yes	\$24.95	-	-	-	-
Fairview Tech Ctr Ltd	Oliver, BC	250-498-4316	ftcnet.com	ANS	0.128	14	No	No	\$25.00	2	\$1.50	-	-
Irenyx Data Group Inc	Courtenay, BC	250-334-9641	ark.com	Sprint	0.099	9999	Yes	No	\$19.95	50	\$1.50	-	-
Island Internet	Nanaimo, BC	250-753-1139	island.net	MCI	10.000	483	No	Yes	\$24.95	60	\$1.50	-	-
ISLAND NET AMT SOLUTIONS	Victoria, BC	250-383-0096	islandnet.com	iSTAR	3.088	434	No	Yes	\$19.95	35	-	19.95	LucK56flex
Nisa OnLine Systems	Nanaimo, BC	250-751-1111	nisa.net	MCI	1.544	20	Yes	No	\$19.95	50	\$0.85	-	-
Okanagan Internet Junction Inc	Vernon, BC	250-549-1036	junction.net	MCI/Sprint	10.256	500	Yes	No	\$29.95	60	\$1.25	-	-
Rocky Mountain Internet Junction	Golden, BC	250-344-6929	rockies.net		3.088	35	No	No	\$39.95	30	\$0.50	-	-
Silk Internet	Kelowna, BC	250-860-4202	silk.net	MCI	1.544	102	No	No	\$14.50	25	\$2.00	-	-
SOS Connections Inc.	Williams Lake, BC	250-398-5608	sos-connect.com	Sprint	0.128	20	No	No	\$9.95	10	\$1.25	-	-
VALLEY INTERNET PROVIDERS	Penticton, BC	250-770-1384	vip.net		1.544	160	No	No	\$17.50	30	\$2.00	17.50	Rock56flex
Vicnet Communications Inc	Victoria, BC	250-380-9333	vicnet.net	Sprint	45.000	1800	Yes	Yes	\$17.95	20	\$1.95	-	-
BC1.COM	Victoria, BC	604-381-5082	bc1.com	MCI	45.000	95	No	No	\$19.99	-	-	-	-
British Columbia Business	Sidney, BC	604-652-4815	commercial.net	MCI	1.544	100	No	No	\$19.95	10	\$1.65	-	-
Cyberlink System Corp	Cranbrook, BC	604-426-5175	cyberlink.bc.ca	MCI	0.099	9999	No	No	\$24.95	30	\$1.00	-	-
Horizon Net	Victoria, BC	604-361-4410	horizon.bc.ca	iSTAR	1.544	18	No	No	\$20.00	36	\$1.25	-	-
LMI LegalMail Inc	Victoria, BC	604-662-3312	legalmail.com	Sprint	13.088	18	Yes	Yes	\$24.95	-	-	-	-
Pacific Coast NET Inc	Victoria, BC	604-380-7322	pacificcoast.net	iSTAR	4.632	224	Yes	Yes	\$24.95	589	\$1.00	-	-
Pacific Interconnect Enterprises	Victoria, BC	604-953-2680	pinc.com	MCI	0.099	9999	No	Yes	\$5.95	2	\$3.00	-	-
The Net Idea Telecommunications Inc	Nelson, BC	604-352-3512	netidea.com	iSTAR	0.099	9999	No	No	\$19.95	30	\$1.00	-	-
UNISERVE ONLINE	Aldergrove, BC	604-856-6281	uniserve.com	MCI	3.088	900	No	Yes	\$8.95	10	\$1.00	24.95	LucK56flex
Webtec Computing Solutions Inc	Duncan, BC	604-715-0988	cowichan.com	iSTAR	0.256	20	No	No	\$27.00	48	\$2.00	-	-

253 Area Code ♦ WASHINGTON

HarborNet	Gig Harbor, WA	253-858-8839	harbomnet.com	Sprint/Sprint	1.672	96	Yes	Yes	\$20.00	-	-	-	-
SSN - Internet Services	Kent, WA	253-630-0580	ssn.com		0.128	10	No	No	\$20.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
253 Area Code ♦ WASHINGTON													
2alpha	Bellevue, WA	206-746-4140	2alpha.com	UUNET/Sprint/MCI/AGIS	10.632	-	Yes	No	-	-	-	-	-
Blarg! Online Services	Bellevue, WA	425-401-9821	blarg.net	UUNET/MCI	3.088	1998	No	Yes	\$20.00	-	-	-	-
N2H2 Bess INC	Seattle, WA	206-971-1400	bess.net	UUNET	1.544	9999	No	No	\$24.95	100	\$0.99	-	-
PROSTAR PLUS INTERNET	Federal Way, WA	206-941-8895	prostar.com	Sprint	45.000	780	No	Yes	\$9.95	-	-	9.95	Rock56flex/LucK56flex
WORLDLINK, Inc.	Seattle, WA	206-361-8785	w-link.net	MCI	1.544	100	No	No	\$16.00	-	-	-	-
Worldport Online	Seattle, WA	206-523-7916	wport.com	UUNET	1.544	168	No	No	\$14.95	-	-	-	-

254 Area Code ♦ TEXAS

Access International	Waco, TX	254-399-8888	texnet.net		1.544	184	Yes	Yes	\$19.95	-	-	-	-
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281 Area Code ♦ TEXAS

4GL Corp	Houston, TX	281-589-8077	4gl.com	AGIS/CRL	0.099	9999	Yes	Yes	-	-	-	-	-
AMT Internet Expo	Houston, TX	281-286-2268	amtexpo.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
Box Networks	Houston, TX	281-480-2684	box.net	MCI	1.544	282	Yes	Yes	\$20.00	-	-	-	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
Comwerx, Inc.	Cypress, TX	281-370-9690	comwerx.net	AGIS	1.544	83	Yes	Yes	\$14.95	24	-	-	-
CypressNet, LLC	Tomball, TX	281-255-8411	cyp.net	MCI	0.128	20	Yes	No	\$20.00	-	-	-	-
GHG Corporation	Houston, TX	281-488-8806	ghgcorp.com	MCI/UUNET	4.632	400	No	Yes	\$19.95	-	-	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-
INTERGATE	Houston, TX	281-558-7200	intergate.com	MCI	1.544	96	No	No	\$25.00	-	-	25.00	x2
NetTap Data Services	Webster, TX	281-482-3903	nettap.com	UUNET	0.099	9999	No	No	\$21.25	100	-	-	-
Omac Group Inc	Houston, TX	281-596-0818	omac.com	CWIX	1.544	5	No	No	\$24.95	-	-	-	-
PMCI Internet Services Group	Houston, TX	281-333-1073	pmci.net	Sprint	1.544	148	Yes	Yes	\$24.95	-	-	-	-
Access Communications Inc	Houston, TX	713-462-4222	accesscomm.net	MCI	1.544	322	Yes	Yes	\$19.95	-	-	-	-
Access Internet Unlimited	Houston, TX	713-524-4638	aiu.net	MCI	1.544	24	No	No	\$19.95	-	-	-	-
ArgoNet, Inc.	Houston, TX	713-680-9912	argohouston.com	MCI	1.544	.1999E+11	No	Yes	\$17.00	-	-	-	-
BW Internet Services	Houston, TX	713-994-3892	bwis.com	BBN	1.544	5	No	No	\$19.95	-	-	-	-
CityScope Net	Pasadena, TX	713-477-6161	cityscope.net	UUNET	1.544	25	Yes	No	\$19.95	-	-	-	-
Compass Net Inc	Houston, TX	713-776-0022	compassnet.com	MCI	1.544	119	No	Yes	\$19.50	-	-	-	-
DomiNet Network Systems	Houston, TX	713-613-4800	domi.net	CWIX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
First Internet	Houston, TX	713-963-0712	firstnethou.com	AGIS	1.544	158	No	Yes	\$24.95	-	-	-	-
FLEXnet Inc	The Woodlands, TX	713-364-6500	flex.net	MCI	3.088	294	No	Yes	\$29.95	-	-	-	-
FPO.COM Internet Connections	Pasadena, TX	713-944-7472	fpo.com	Sprint	3.088	16	No	No	\$9.95	-	-	-	-
GlobalNET Corp.	Houston, TX	713-776-1066	gnrcorp.com	Sprint/MCI	45.000	-	Yes	No	-	-	-	-	-
Harris Direct Technology	Houston, TX	713-782-5000	hdtch.net	UUNET	45.000	92	Yes	Yes	\$17.50	16	\$125.00	-	-
Information Broker Systems	Houston, TX	713-840-7812	brokersys.com	UUNET	1.544	70	No	Yes	\$18.48	-	-	-	-
Insync Internet Services Inc	Houston, TX	713-407-7000	insync.net	UUNET/MCI/Sprint/BBN	45.000	495	Yes	Yes	\$29.95	-	-	-	-
Internet Connect Services Inc	Victoria, TX	512-572-9987	icsi.net	Sprint	1.544	430	No	Yes	\$24.00	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
NeoSoft Inc	Houston, TX	713-968-5800	neosoft.com	MCI	0.099	9999	Yes	Yes	\$18.95	-	-	-	-
Net One	Houston, TX	713-688-9111	net1.net	UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
NSE Internet Service Inc	Biloxi, MS	601-374-6510	nse.com	MCI	3.088	88	Yes	Yes	\$17.95	-	-	-	-
PDQ.NET INCORPORATED	Houston, TX	713-622-1665	pdq.net	MCI	4.632	1024	Yes	Yes	\$14.95	-	-	14.95	Rock56flex
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-	-	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-
South Coast Computing Services	Houston, TX	713-917-5000	sccsi.com	UUNET/BBN	4.632	147	Yes	Yes	\$30.00	100	-	-	-

Space City Communications	Houston, TX	713-771-5500	spacecity.com	MCI	3.088	92	Yes	Yes	\$17.95	-	-	-	-
Wantabe Inc	Houston, TX	713-493-0718	wantabe.com	MCI	45.000	12	No	No	\$30.00	-	-	-	-

301 Area Code ♦ MARYLAND

ARInternet Corp	Landover, MD	301-459-7171	ari.net	Sprint	1.544	200	No	No	\$17.95	12	\$1.00	-	-
Addis Internet Services, Inc.	Silver Spring, MD	301-585-1200	addis.net	Sprint	1.544	48	Yes	No	\$19.00	-	-	-	-
Ameritel	Lexington Park, MD	301-863-5809	ameritel.net	Sprint	1.544	350	Yes	No	\$19.95	-	-	-	-
Atlantech Online Inc	Laurel, MD	301-593-2794	atlantech.net	UUNET/PSINet	0.099	9999	Yes	No	\$19.00	-	-	-	-
ATLANTIC INTERNET SERVICE	California, MD	301-862-2556	acilink.net	CRL/CAIS	3.088	1196	Yes	Yes	\$14.95	-	-	19.95	x2/RocK56flex/LucK56flex
BBS NTWKS & HAFADA EXCG.	Lexington Park, MD	301-737-0643	bbsnets.com	CAIS	1.544	8	No	No	\$6.00	60	\$0.10	6.00	x2
Bethesda Online Organization	Bethesda, MD	301-657-0863	boo.net	UUNET	1.544	32	No	No	\$14.95	-	-	-	-
CAPITAL CITY CYBERLINK	Rockville, MD	301-517-5647	dclink.com	UUNET	1.544	155	No	No	\$10.00	-	-	10.00	x2
COMMUNICATIONS Plus	Rockville, MD	301-294-3400	comm-plus.net	CWIX	1.544	200	No	No	\$10.50	-	-	-	-
CYBER REALM	Rockville, MD	301-947-0100	cyberrealm.net	BBN	45.000	264	Yes	Yes	\$17.99	-	-	29.00	x2
D&R Systems Inc	Clinton, MD	301-203-1996	drsyste.ms.com	MCI	3.088	25	No	No	\$20.00	-	-	-	-
DCS Online	Waldorf, MD	301-932-7120	dcsol.com	Sprint	0.256	24	No	No	\$10.00	-	-	-	-
Dragon Sports	Hughesville, MD	301-645-3416	dsport.com	MAE East	1.544	16	No	No	\$13.75	-	-	-	-
Eaglenet, Inc	Lexington Park, MD	301-863-6992	eaglenet.com	UUNET	1.544	150	No	No	\$20.00	-	-	-	-
Fred.Net	Frederick, MD	301-631-5300	fred.net	UUNET	0.099	9999	Yes	Yes	\$29.00	-	-	-	-
Heller Information Services	Rockville, MD	301-946-8600	his.com	Sprint	0.099	9999	No	Yes	\$30.00	180	\$1.00	-	-
IMS INTERCOM	Clinton, MD	301-856-2706	imssys.com	MCI	1.544	68	Yes	No	\$18.95	-	-	31.00	x2
Internet Express Inc	Damascus, MD	301-253-1500	x-press.net	Sprint/MCI	3.088	145	Yes	No	\$8.00	-	-	-	-
Internet Interstate	Bethesda, MD	301-652-4468	intr.net	Sprint	13.000	185	Yes	Yes	\$18.12	420	\$1.00	-	-
KIVEX Inc	Bethesda, MD	301-215-7744	kivex.com	UUNET/MCI	45.000	-	Yes	No	-	-	-	-	-
Keynet Corporation	Frederick, MD	301-682-5300	keynetcorp.net	MCI	3.088	8	No	No	\$19.95	-	-	-	-
Kompleat Internet Services LLC	Frederick, MD	301-293-4333	kis.net	MCI	1.544	64	Yes	No	\$25.00	-	-	-	-
Middletown Internet provider	Middletown, MD	301-371-8248	mip.net	Sprint	0.099	9999	No	No	\$14.00	-	-	-	-
PrimaNET Communications Inc	Silver Spring, MD	301-585-4081	primanet.com	EPOCH	10.000	250	Yes	No	\$12.50	-	-	19.95	-
R&D Enterprises	Rockville, MD	301-493-6797	bus.com	MAE East	0.128	5	No	No	\$15.00	-	-	-	-
RadixNet	Oxon Hill, MD	301-567-9831	radix.net	AGIS/CAIS	4.632	356	Yes	Yes	\$19.00	-	-	-	-
Smartnet Internet Services LLC	Laurel, MD	301-470-3400	smart.net	MCI/CAIS/CWIX	7.720	229	Yes	Yes	\$15.00	-	-	-	-
Strategic Office Solutions, Inc.	Olney, MD	301-924-4411	strategicoffice.com	MCI	1.544	2	Yes	Yes	-	-	-	-	-
Team Infinity	Greenbelt, MD	301-805-1281	teaminfinity.com	DIGEX	1.544	64	No	No	\$17.00	-	-	-	-
Tomco Systems Inc	Temple Hills, MD	301-423-7397	tomco.net	MCI	1.544	144	Yes	Yes	\$17.00	-	-	-	-
US NET INCORPORATED	Silver Spring, MD	301-572-5926	us.net	Sprint/AGIS	7.720	638	Yes	Yes	\$18.95	-	-	18.95	LucK56flex
Ultrplex Information Provider	Laurel, MD	301-598-6879	upx.net	Sprint	0.099	9999	Yes	No	\$15.00	120	\$1.00	-	-
Virtual Networks Inc	Rockville, MD	301-738-1111	vni.net	CAIS/Sprint	0.099	9999	Yes	Yes	\$23.00	-	\$1.00	-	-
Xpress Internet Services	Germantown, MD	301-601-5050	xis.com	Sprint	0.099	9999	No	No	\$19.00	120	\$1.00	-	-
AAA NETWORKS	Falls Church, VA	703-237-7400	aanetworks.net	PSINet	30.000	48	Yes	Yes	-	-	-	95.00	x2
ABSNET INTERNET SERVICES	Baltimore, MD	410-361-8160	abs.net	CAIS	45.000	300	Yes	Yes	\$15.00	90	\$1.00	15.00	RocK56flex
ATCALL Inc	Arlington, VA	703-522-5252	atcall.com	MCI	1.544	48	No	No	\$12.00	30	-	-	-
Allied Telecom Group	Washington, DC	202-541-9000	alliedtelecom.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
Alma Internet Services	Hemdon, VA	703-716-3294	alma.net	MCI	3.088	60	Yes	Yes	\$14.00	-	-	-	-
American Information Network	Columbia, MD	410-715-6809	ai.net	UUNET	45.000	-	Yes	No	-	-	-	-	-
Annapolis Internet Inc	Annapolis, MD	410-571-8600	annapolis.net	MCI	1.544	70	Yes	Yes	\$19.95	180	\$0.25	-	-
Arlington Software Exchange	Arlington, VA	703-538-4380	ase.com	CAIS	0.056	8	No	No	\$10.00	-	-	-	-
Attach.Net	Cockeysville, MD	410-666-1666	attach.net	Sprint/CWIX	1.800	400	Yes	Yes	\$25.00	-	-	-	-
Avatar Systems Development Inc	Fairfax, VA	703-691-4343	huskynet.com	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
BaltimoreNet	Baltimore, MD	410-515-9832	baltimore.net	AGIS	1.544	50	No	Yes	\$18.75	-	-	-	-
BayServe Technologies Inc	Pasadena, MD	410-590-3750	bayserve.net	AGIS	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-
CAPCON Library Network	Washington, DC	202-331-5771	capcon.net	UUNET	1.544	100	No	No	\$27.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
301 Area Code ♦ MARYLAND													
CITI	Vienna, VA	703-847-7799	citi.net	Sprint	0.099	9999	Yes	No	\$9.95	2	\$1.50	-	-
Charm Net Inc	Baltimore, MD	410-558-3900	charm.net	Sprint/MCI/CAIS	13.088	323	Yes	Yes	\$25.00	-	-	-	-
Cinecom	Woodbridge, VA	703-680-4733	cinecom.com	MCI	0.099	9999	No	Yes	\$15.00	-	-	-	-
Clark Internet Services Inc	Columbia, MD	410-995-0550	clark.net	AGIS/Sprint	0.099	9999	Yes	Yes	\$19.00	-	-	-	-
Commercial Internet Services, LLC	Hemdon, VA	703-709-8423	commint.com	MAE East	10.000	-	Yes	No	-	-	-	-	-
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-	-
Crystal Quill Internet Services	Arlington, VA	703-241-7101	cqi.com	Sprint	1.544	80	Yes	No	\$9.95	-	-	-	-
Cyber Connection Corp	Washington, DC	202-944-9700	cyberconnection.com	UUNET	0.099	-	Yes	No	-	-	-	-	-
Cyber Services Inc	Vienna, VA	703-749-9590	cs.com	UUNET	3.088	50	Yes	No	\$15.00	-	-	-	-
CYBERHOST, INC.	Arlington, VA	703-527-3400	cyberhost.com	CWIX	1.544	78	No	Yes	\$25.00	-	-	35.00	LucK56flex
Delta One	Chantilly, VA	703-715-9222	delta1.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
DIGINET COMMUNICATIONS, INC.	Sterling, VA	703-736-9800	diginetusa.net	UUNET/MCI	45.000	130000	Yes	Yes	\$19.95	-	-	19.95	LucK56flex
Digital Gateway Systems Inc	Vienna, VA	703-749-2884	dgsys.com	Sprint	0.099	9999	Yes	No	\$25.00	180	\$1.00	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Flying Penguin Productions Ltd	Arlington, VA	703-358-9219	penguin.net	MAE East	1.544	-	Yes	No	-	-	-	-	-
Hermes Internet Service	Washington, DC	202-646-1640	hermesnet.net	CAIS	1.544	55	Yes	No	\$20.00	-	-	-	-
I2020	Richmond, VA	804-649-1800	i2020.net	MCI	10.000	1600	Yes	Yes	\$20.00	-	-	-	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
Informational Superhighway Systems	New Haven, CT	203-389-6921	issystems.com	UUNET	1.544	100	No	No	\$9.95	-	-	-	-
INET COMMUNICATIONS	Newark, DE	302-454-1780	inet.net	MCI/Sprint	3.088	485	Yes	Yes	\$17.95	-	-	17.95	x2
Intelligent Decisions	Chantilly, VA	703-803-8070	intelligent.net	DIGEX	0.099	9999	No	Yes	\$90.00	-	-	-	-
Interactive Information Inc	Columbia, MD	410-381-6369	iiinc.com	AGIS	0.099	9999	No	No	\$10.00	-	-	-	-
Intrepid Technologies Inc	Shepherdstown, WV	304-876-1199	intrepid.net	MCI/UUNET	0.099	9999	No	No	\$24.95	-	-	-	-
INVISION SYSTEMS INC.	Baltimore, MD	410-246-1691	satelink.net	MCI	43.232	80	Yes	Yes	\$18.00	-	-	50.00	x2
LaserNet LLC	Fairfax, VA	703-591-4232	laser.net	UUNET	1.544	100	Yes	No	\$20.00	-	-	-	-
Magnus Computing Inc	Bel Air, MD	410-893-4643	magnus1.com	Sprint	3.088	50	Yes	No	\$8.25	-	-	-	-
Metasystems Design Group Inc	Arlington, VA	703-243-6622	tmn.com	AGIS	1.544	42	No	No	\$20.00	60	\$2.00	-	-
METRONET INTERNET SERVICES	Baltimore, MD	410-246-9111	min.net	Sprint	10.000	152	Yes	Yes	\$15.00	240	\$1.00	15.00	x2
Micro Access	Washington, DC	202-529-5001	mat.net	Sprint	0.099	9999	No	No	\$25.00	6	\$1.00	-	-
Monumental Network Systems	Chantilly, VA	703-631-3600	monumental.com	MCI/UUNET/CWIX/Nap.Net	6.176	1050	Yes	Yes	\$20.00	-	-	-	-
MountainNet Inc	Morgantown, WV	304-594-9075	mountain.net	BBN/Sprint/MCI	4.632	721	Yes	Yes	\$25.00	-	-	-	-
NCM	Mc Lean, VA	703-847-0040	ncm.com	Sprint/DataXchange	4.632	-	Yes	No	-	-	-	-	-
Neptune Interactive Comm	Alexandria, VA	703-924-9234	nicom.com	UUNET	0.099	9999	No	No	\$10.00	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-
NetRail, Inc	Atlanta, GA	404-522-5400	netrail.net	Netrail	0.099	9999	Yes	Yes	\$19.95	6	\$0.50	-	-
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	-
Norloff Computer Corporation	Oakton, VA	703-242-4480	os2bbs.com	Sprint	1.544	21	Yes	Yes	\$19.00	120	\$1.00	-	-
Northern Virginia Info Svcs	Gainesville, VA	703-753-9450	novais.com	MAE East	1.544	68	Yes	Yes	\$20.00	-	-	-	-
Potomac Internet	Washington, DC	202-331-8989	potomac.net	UUNET	1.544	100	No	No	\$18.00	-	-	-	-
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
QUANTUM INTERNET SERVICES	Manchester, MD	410-239-6920	qis.net	MAE East	10.000	196	Yes	Yes	\$5.95	15	\$1.00	5.95	RockK56flex
SONNETS Inc	Clifton, VA	703-502-8589	sonnets.net	Sprint	0.099	9999	No	No	\$19.00	120	\$1.50	-	-
ShireNet Communications Systems	Reston, VA	703-715-9452	shirenet.com	Sprint	0.512	21	No	Yes	\$18.00	300	\$1.00	-	-
Softaid Internet Services Inc	Columbia, MD	410-290-7763	softaid.net	AGIS	1.544	60	Yes	No	\$19.99	-	-	-	-
SOUTHERN MARYLAND INTERNET	Dunkirk, MD	410-257-5400	chesapeake.net	BBN	1.544	166	Yes	No	\$19.95	-	-	19.95	x2
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
TELEPHONET CORP	Baltimore, MD	410-427-9000	telephonet.com	DIGEX	1.544	576	Yes	Yes	\$18.50	-	-	18.50	x2
The Columbia Connexion	Ellicott City, MD	410-461-5430	connext.net	Sprint	1.544	53	No	Yes	\$10.95	-	-	-	-
TIDAL WAVE COMMUNICATIONS	Chantilly, VA	703-968-5744	tidalwave.net	UUNET	45.000	3700	Yes	Yes	\$9.50	-	-	9.50	x2

TOAD COMPUTERS INC	Severna Park, MD	410-544-6943	toad.net	DIGEX	1.544	320	Yes	Yes	\$10.00			10.00		x2
Virginia Internet Services	Springfield, VA	703-913-0823	vais.net	GoodNet	1.544	34	Yes	No	\$19.50	360	\$1.00			-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00			20.00	x2/RocK56flex/LucK56flex	
WizardNet Inc	Fairfax, VA	703-573-2200	wizard.net	MCI	1.544	110	No	No	\$15.00					-
World Data	Washington, DC	202-785-6800	worlddata.com	MCI	1.544	100	Yes	Yes						-
WORLD DATA NETWORK, INC.	Reston, VA	703-648-0808	wdn.com	AGIS	1.544	54	No	Yes	\$12.00			19.95		x2
World Web Limited	Alexandria, VA	703-838-2000	worldweb.net	Sprint	45.000	1500	Yes	Yes	\$20.00	8	\$1.00			-
digitalNATION Inc	Alexandria, VA	703-642-2800	dn.net	AGIS/MAE East/Sprint/MCI	23.088	250	Yes	No	\$12.50					-

302 Area Code ♦ DELAWARE

Brainwave Computer Services	Delmar, DE	302-846-2846	bwave.com	Netcom	1.544	1131	Yes	Yes	\$16.65	999				-
BUSINESS DATA SYSTEMS	Dover, DE	302-674-2840	bdsnet.com	Netcom	10.000	142	Yes	Yes	\$15.00	60	\$0.50	20.00	RocK56flex/LucK56flex	
CE NET, INC.	Georgetown, DE	302-855-0941	ce.net	AGIS	1.544	210	No	Yes	\$20.00			30.00	RocK56flex	
DCANet	Wilmington, DE	302-654-1019	dca.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$19.95	90	\$0.50	19.95		-
DELANET INC	Newark, DE	302-832-3900	delanet.com	Sprint	1.544	360	No	Yes	\$11.99			11.99		x2
DELAWARE ONLINE	Wilmington, DE	302-762-0375	dol.net	Sprint	3.084	610	Yes	Yes	\$10.00	15		10.00		x2
Digital World	Newark, DE	302-234-6777	dgtlwrl.com	UUNET	1.544	20	No	No	\$10.00					-
DPNet	Newark, DE	302-366-0801	dpnet.net	Sprint/MCI	3.088	245	Yes	Yes	\$15.00					-
INET COMMUNICATIONS	Newark, DE	302-454-1780	inet.net	MCI/Sprint	3.088	485	Yes	Yes	\$17.95			17.95		x2
InterNet Delaware, Inc.	Newark, DE	302-737-1001	del.net	Sprint	1.544	154	No	Yes	\$17.95					-
Internet21 Inc	Newark, DE	302-369-2500	i21.com	Sprint	1.544	20	No	Yes	\$19.95					-
LAN Solutions Inc	Newark, DE	302-452-2987	lansol.net	Sprint	1.544	20	Yes	Yes	\$19.95	90	\$1.50			-
RAVENET SYSTEMS INC	Yorklyn, DE	302-993-8420	ravenet.com	UUNET/MCI	3.088	441	Yes	Yes	\$25.00			25.00		x2
SSNet Inc	Middletown, DE	302-378-1386	ssnet.com	MCI	0.099	9999	Yes	Yes	\$25.00					-
THE MAGNETIC PAGE	Wilmington, DE	302-651-9753	magpage.com	UUNET/Sprint/MAE East	9.264	472	Yes	Yes	\$20.00			40.00	RocK56flex	
Tri State Computer Services	Delaware City, DE	302-832-3114	oramp.com	UUNET	0.099	9999	No	No	\$15.00					-
WEB SERVICES INC	Wilmington, DE	302-655-3287	wserv.com	Sprint	1.544	128	No	Yes	\$12.95	250	\$0.10	25.95	LucK56flex	

ACCESS 2000	West Chester, PA	610-692-9205	axs2000.net	MAE East/Sprint	3.088	112	Yes	Yes	\$17.00			17.00		x2
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95					-
BRANDYWINE NET	Oxford, PA	610-932-6590	brandywine.net	UUNET	1.544	64	No	Yes	\$19.95			19.95	LucK56flex	
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08			-
Data Matrix, Incorporated	West Chester, PA	610-701-5814	dmatrix.com	Netcom	3.088	-	Yes	No						-
DelMarVa Online	Salisbury, MD	410-749-7898	dmv.com	MCI	3.088	600	No	Yes	\$19.95					-
EarthStation Inter.net	King of Prussia, PA	610-962-1010	earthstation.net	Sprint	45.000	-	Yes	No						-
EZY.NET CORPORATION	Salisbury, MD	410-742-1610	ezy.net	MAE East/MCI/AGIS/Sprint	40.000	926	Yes	Yes	\$18.00			18.00	RocK56flex/LucK56flex	
FASTNET/ YOU TOOLS CORP	Bethlehem, PA	610-289-1100	fast.net	UUNET/Sprint/MCI	45.000	5990	Yes	Yes	\$19.95			19.95	x2/RocK56flex/LucK56flex	
LibertyNet	Philadelphia, PA	215-387-6440	libertynet.org	MCI	1.544	1200	No	No	\$19.95					-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00					-
NetReach	Fort Washington, PA	215-283-2300	netreach.net	DIGEX	3.088	520	Yes	Yes	\$19.95					-
Network Analysis Group	Allentown, PA	610-391-1434	freedom.net	ANS	0.099	9999	No	No	\$25.00					-
OpNet	Bryn Mawr, PA	610-520-2880	op.net	AGIS/CRL	3.088	400	Yes	Yes	\$20.00					-
PREPnet	Pittsburgh, PA	412-268-7870	prep.net	MCI	45.000	-	Yes	No						-
SNIP	Blackwood, NJ	609-228-2300	snip.net	Sprint/UUNET	3.088	534	Yes	Yes	\$12.42			12.42		x2
Surf Network	Willow Grove, PA	215-784-7010	p3.net	UUNET	0.099	9999	Yes	Yes	\$18.00					-
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00			15.00		x2
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95					-
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95					-

303 Area Code ♦ COLORADO

@denver.net	Denver, CO	303-534-3973	denver.net	Sprint	1.544	84	No	Yes	\$25.00	100	\$1.00			-
AMNIX Communications	Aurora, CO	303-337-2878	amnix.com	BBN	1.544	60	No	No	\$11.99					-
ADVANCED INSTRUMENTS CORP	Littleton, CO	303-347-8657	ai.com	Sprint/BBN	45.000	168	Yes	No	\$17.95	100	\$0.50	34.95	RocK56flex	

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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
303 Area Code ♦ COLORADO													
Bewell Net	Parker, CO	303-841-2344	bewellnet.com	MCI	1.544	120	No	No	\$14.95	-	-	-	-
Board of Directors Internet Inc	Denver, CO	303-571-5271	bod.net	Sprint	1.544	20	Yes	No	\$15.00	30	\$1.00	-	-
Cherry Creek Internet Inc	Denver, CO	303-398-2500	creek.net	Sprint	1.544	48	Yes	No	\$9.00	-	-	-	-
Colorado Legal Network Inc	Denver, CO	303-436-9500	lawyernet.com	Sprint	1.544	12	No	No	\$24.95	-	-	-	-
Computer Systems Design Co	Boulder, CO	303-444-1671	csd.net	ANS/Sprint	3.088	64	Yes	No	\$20.00	100	\$1.00	-	-
Corporate Network Solutions	Englewood, CO	303-829-6882	dawwn.net	MCI	1.544	54	No	Yes	\$29.95	-	-	-	-
Denver Internet Access Corp	Aurora, CO	303-745-9588	diac.com	UUNET	1.544	158	Yes	Yes	\$18.00	-	-	-	-
Denver Online Development	Denver, CO	303-691-8200	denveronline.com	Sprint	1.544	-	Yes	No	-	-	-	-	-
DIMENSIONAL COMMUNICAT.	Denver, CO	303-285-4638	dimensional.com	UUNET/GoodNet	3.088	375	Yes	Yes	\$25.00	-	-	25.00	LucK56flex
Earthnet Inc	Boulder, CO	303-546-6362	earthnet.net	Sprint	1.544	56	Yes	Yes	\$18.00	20	\$2.00	-	-
E.Central	Denver, CO	303-830-0123	ecentral.com	UUNET	1.544	90	No	No	\$7.95	20	\$1.50	-	-
ENVISIONET Inc	Englewood, CO	303-770-2408	envisionet.net	Sprint	0.099	9999	Yes	No	\$9.95	10	\$1.00	-	-
E Street Communications	Denver, CO	303-584-0640	estreet.com	CRL	1.544	50	No	No	\$15.00	30	\$0.95	-	-
Expert Internet Service	Littleton, CO	303-730-6050	xpert.net	BBN	1.544	77	Yes	Yes	\$10.00	12	\$2.40	-	-
H2NET INC	Broomfield, CO	303-432-8610	h2net.net	MCI	3.088	47	No	No	\$19.00	-	-	-	-
Hemisphere Online	Englewood, CO	303-792-2902	hemi.com	BBN	1.544	37	No	No	\$18.00	-	-	-	-
INDRA'S NET, INC.	Boulder, CO	303-546-9151	indra.com	Sprint	1.544	120	No	Yes	\$25.00	30	\$1.00	25.00	x2
Intellink Limited	Greenwood Village, CO	303-773-6800	intellink.net	Sprint	1.544	14	No	Yes	\$14.95	-	-	-	-
INTERLINK ADVERTISING SRVS.	Englewood, CO	303-781-3273	hypermall.com	Sprint/UUNET/GoodNet	4.632	20	No	No	\$19.95	100	\$0.50	19.95	LucK56flex
Meeting Places Inc	Aurora, CO	303-341-0009	mplaces.com	MCI	1.544	10	No	Yes	\$10.00	10	\$0.50	-	-
Mile High Online	Denver, CO	303-584-9711	mho.net	MCI	1.544	550	Yes	Yes	\$19.95	-	-	-	-
MTI Internet Services	Englewood, CO	303-773-3575	mti.net	MCI	1.544	-	Yes	No	-	-	-	-	-
NeTrack	Boulder, CO	303-938-0188	netrack.net	BBN	3.000	-	Yes	No	-	-	-	-	-
Net One Communications Corp	Denver, CO	303-306-0544	net1comm.com	MCI	1.544	-	Yes	No	-	-	-	-	-
Netway 2001 Inc	Littleton, CO	303-794-1000	netway.net	Sprint	0.099	9999	No	Yes	\$9.95	6	\$2.40	-	-
NEXUS COMMUNICATIONS	Denver, CO	303-377-2699	dvnxexus.net	PSINet	0.512	12	No	Yes	\$20.00	-	-	25.00	x2
NileNet Ltd	Denver, CO	303-825-1950	nilenet.com	MCI	1.544	60	Yes	Yes	\$24.95	-	-	-	-
Online Network Enterprises Inc	Boulder, CO	303-444-2522	netone.com	Sprint	0.099	9999	No	Yes	\$13.95	10	\$2.00	-	-
ONLINE SYSTEM SERVICES	Denver, CO	303-296-9200	ossinc.net	Sprint/MCI	3.088	48	Yes	No	\$19.95	20	\$2.00	19.95	x2
OnRamp Communications Inc	Denver, CO	303-534-3131	orci.com	Sprint	1.544	110	Yes	Yes	\$24.95	-	-	-	-
Phoenix Network	Golden, CO	303-205-3577	phoenix-internet.net	UUNET	1.544	98	Yes	Yes	\$19.20	-	-	-	-
Planet Internet	Denver, CO	303-306-9673	plinet.com	Sprint	1.544	81	No	No	\$17.95	-	-	-	-
QADAS Inc	Littleton, CO	303-973-4630	qadas.com	MCI	1.544	52	No	No	\$20.00	100	\$1.00	-	-
ROCKY MOUNTAIN INTERNET INC	Denver, CO	303-672-0700	rmi.net	MCI/ANS	45.000	485	Yes	No	\$25.00	50	\$2.00	-	-

SUPERNET, INC	Denver, CO	303-296-8202	sni.net	MCI/BBN/Sprint	45.000	851	Yes	Yes	\$24.95	25	\$2.00	24.95	x2
Spin the Web, Inc.	Denver, CO	303-534-0110	spintheweb.com	BBN	1.544	58	No	Yes	\$29.95	-	-	-	-
Stonehenge Internet Comm	Englewood, CO	303-267-0019	henge.com	Sprint	1.544	82	Yes	No	\$25.00	-	-	-	-
TDE Internet	Denver, CO	303-455-4252	tde.com	Sprint	1.544	52	No	Yes	\$19.95	150	\$2.00	-	-
Televiso net	Boulder, CO	303-443-1964	televiso.com	BBN	1.544	30	No	No	\$12.50	10	\$2.00	-	-
Tesser	Boulder, CO	303-442-9033	tesser.com	Sprint	1.544	144	No	No	\$29.95	-	-	-	-
The File Bank, Inc.	Denver, CO	303-534-4538	filebank.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
The Global-Link Network Inc.	Denver, CO	303-680-4561	global-link.net	MCI	1.544	100	No	No	\$19.95	-	-	-	-
Vault Information Services	Littleton, CO	303-688-2760	vaultbbs.com	MCI	0.128	4	No	No	\$5.00	-	\$1.50	-	-
Web Panache Company	Denver, CO	303-722-3940	webpan.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
eazy.net	Englewood, CO	303-221-2800	eazy.net	Sprint	3.088	63	Yes	Yes	\$30.00	70	\$1.00	-	-
id Communications	Englewood, CO	303-790-4343	idcomm.com	Sprint	1.544	120	No	Yes	\$15.95	80	\$1.00	-	-
privatel Internet & Web Services	Louisville, CO	303-673-0201	privatei.com	UUNET/Sprint	0.099	9999	No	No	\$25.00	40	\$2.00	-	-
purple mountain internet	Littleton, CO	303-670-5228	purplemtn.com	Sprint	0.500	8	No	No	\$19.95	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CompuNerd Inc	Colorado Springs, CO	719-579-2200	databahn.net	MCI/ANS	45.000	500	Yes	No	\$25.00	35	\$2.00	-	-
DTC InterNet	Wichita, KS	316-687-9290	dtc.net	BBN	1.544	373	Yes	Yes	\$10.00	-	-	-	-
EZLink Internet Access	Fort Collins, CO	970-482-0807	ezlink.com	Sprint	1.544	26	Yes	Yes	\$20.00	-	-	-	-
Front Range Internet Inc	Fort Collins, CO	970-224-3668	frii.com	MCI/Sprint	3.088	176	Yes	Yes	\$20.00	-	-	-	-
Internet Express	Colorado Springs, CO	719-592-1240	usa.net	ANS	0.099	9999	No	No	\$39.95	50	\$1.25	-	-
IONET	Oklahoma City, OK	405-270-0999	ionet.net	MCI/Sprint/GoodNet/DIGEX	24.664	4047	Yes	Yes	\$18.95	-	-	18.95	x2
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5	\$0.40	-	-
LanMinds Inc	Berkeley, CA	510-843-6389	lanminds.com	UUNET/Sprint	6.176	164	No	Yes	\$20.00	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
Online Marketing Network, Inc.	Loveland, CO	970-593-9311	omn.com	Sprint	1.544	26	No	No	\$15.00	-	-	-	-
PCI SYSTEMS INC	Colorado Springs, CO	719-572-5704	pcisys.net	UUNET/GoodNet	4.632	408	Yes	Yes	\$19.95	-	-	24.95	x2
Page Plus	Fort Collins, CO	970-484-1933	pageplus.com	Sprint	1.544	58	Yes	Yes	\$20.00	-	-	-	-
Rural Internet Access Inc	La Junta, CO	719-384-4045	ruralnet.net	Sprint	3.088	150	Yes	No	\$19.95	15	\$2.25	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
Web Access Inc	Fort Collins, CO	970-221-2555	webaccess.net	Sprint/BBN	4.632	176	Yes	No	\$15.00	-	-	-	-

304 Area Code ♦ WEST VIRGINIA

Badger Internet Services Inc	Morgantown, WV	304-284-1919	badgerden.com	MCI	0.099	9999	Yes	No	\$24.95	85	\$0.95	-	-
CityNet Corporation	Charleston, WV	304-342-5700	citynet.net	MCI	3.088	570	Yes	Yes	\$25.00	-	-	-	-
eve Inc	Huntington, WV	304-697-6770	eve.net	BBN	0.099	9999	No	No	\$19.95	-	-	-	-
HGO.NET	Wheeling, WV	304-243-6500	hgo.net	MCI	1.544	276	Yes	Yes	\$25.00	-	-	25.00	Rock56flex



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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY	HRS.	ADDTL.	56 Kbps DIAL-UP MONTHLY	ARCHITECTURE
304 Area Code ♦ WEST VIRGINIA													
Ichthus Access Networking Inc	Kenova, WV	304-453-5757	ianet.net	Sprint	0.256	28	No	No	\$9.95	15	\$1.50	-	-
Imagixx	Morgantown, WV	304-292-6600	imagixx.net	MCI	1.544	60	Yes	Yes	\$20.00	-	-	-	-
InetONE	Beckley, WV	304-253-8481	inetone.net	Sprint	1.544	176	No	No	\$22.00	-	-	-	-
Intrepid Technologies Inc	Shepherdstown, WV	304-876-1199	intrepid.net	MCI/UUNET	0.099	9999	No	No	\$24.95	-	-	-	-
LABYRINTH SOLUTIONS, INC.	Morgantown, WV	304-292-7700	labyrinth.net	Sprint	1.544	429	Yes	Yes	\$19.95	-	-	19.95	Rock56flex/LucK56flex
MarCom Inc	Bridgeport, WV	304-842-0282	marcominc.com	BBN/Sprint	0.099	9999	Yes	No	\$25.00	-	-	-	-
MountainNet Inc	Morgantown, WV	304-594-9075	mountain.net	BBN/Sprint/MCI	4.632	721	Yes	Yes	\$25.00	-	-	-	-
MPL Corp	Buckhannon, WV	304-472-9520	mpl.com	BBN	0.099	9999	No	No	\$25.00	-	-	-	-
NEWWAVE COMMUNICATIONS	South Charleston, WV	304-744-3600	newwave.net	MCI	1.544	345	Yes	Yes	\$19.95	-	-	25.00	LucK56flex
RAM Technologies	Huntington, WV	304-523-1726	ramlink.net	Sprint	1.544	116	No	No	\$19.95	-	-	-	-
Southeastern Online System Services	Williamson, WV	304-235-3767	sols.net	MCI	1.544	16	Yes	No	\$18.00	80	\$1.50	-	-
WeirNet	Weirton, WV	304-794-0000	weir.net	Sprint	1.544	100	No	No	\$20.00	-	-	-	-
WEST SIDE TELEPHONE CO	Morgantown, WV	304-983-8600	westco.net	Sprint/Sprint	3.088	228	Yes	Yes	\$15.95	-	-	19.95	x2
WV INTER.NET	Cross Lanes, WV	304-776-1680	wvinter.net	MCI	3.088	1050	No	Yes	\$20.00	-	-	20.00	x2
CLOVER.NET	Coshocton, OH	614-622-0028	clover.net	MCI	1.544	180	Yes	Yes	\$19.95	200	\$0.35	27.95	x2
Eureka Networks, Ltd.	Athens, OH	614-593-5052	eurekanet.com	MCI	1.544	298	Yes	Yes	\$19.95	-	-	-	-
FIRST INC	Saint Clairsville, OH	614-695-2280	1st.net	MCI/Sprint/DIGEX	4.632	720	Yes	Yes	\$17.99	-	-	17.99	x2
Helicon On-Line	Uniontown, PA	412-439-8805	hhs.net	MCI	4.632	300	No	No	\$19.95	-	-	-	-
Kaleidoscope Information Svcs	Richlands, VA	540-963-5477	netscope.net	BBN	1.544	80	No	No	\$19.95	100	\$1.00	-	-
MANOR COMMUNICATIONS	Ironton, OH	614-533-1220	tic-http.net	MCI	1.540	480	Yes	No	\$19.95	-	-	19.95	x2
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25	\$1.00	35.00	x2/Rock56flex
USA OnRamp	Pittsburgh, PA	412-391-4382	usaor.net	AGIS	3.088	610	Yes	Yes	\$19.95	-	-	-	-
ZOOMNET INC.	Portsmouth, OH	614-353-7708	zoomnet.net	Sprint	3.088	946	Yes	Yes	\$19.95	-	-	19.95	Rock56flex/LucK56flex

305 Area Code ♦ FLORIDA

AGE Technology	Hialeah, FL	305-883-8880	agetech.net	GridNet	1.544	35	Yes	Yes	\$18.50	200	\$0.25	-	-
Action Computer Technology	Miami, FL	305-254-2254	action-net.net	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
BridgeNet LLC	Miami, FL	305-374-3031	bridge.net	UUNET/MCI	3.088	420	Yes	Yes	\$19.95	-	-	-	-
CompuPlus Technologies, Inc.	Miami, FL	305-667-2166	ctech.net	GridNet	0.099	9999	No	No	\$15.00	-	-	-	-
Expert.net	Miami, FL	305-471-9847	expert.net	UUNET	0.099	9999	No	No	\$24.50	-	-	-	-
Florida Keys On-Line	Key West, FL	305-295-9330	flakeysol.com	GridNet	1.544	16	No	No	\$24.99	-	-	-	-
GIS, INC.	Miami, FL	305-265-0447	gisnet.net	MCI	3.088	168	No	Yes	\$18.95	-	-	35.00	Rock56flex
Global Information Link, Inc.	Miami, FL	305-386-9997	gil.net	UUNET	1.544	96	Yes	No	\$17.50	-	-	-	-
GROUND ZERO COMMUNICATIONS	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
ICANECT	Miami, FL	305-621-9200	icanect.net	UUNET/Sprint/CWIX	45.000	3058	Yes	Yes	\$17.95	300	-	-	-
Internetco	Miami, FL	305-597-8899	internetco.net	UUNET	1.544	24	No	No	\$19.95	-	-	-	-
Internet Providers Of Florida	Miami, FL	305-273-7978	fla.net	UUNET	45.000	492	Yes	Yes	\$12.50	100	-	-	-
Internet World Information Network	Miami Beach, FL	305-535-3090	winnet.net	UUNET/AGIS	3.088	16	Yes	No	\$19.95	-	-	-	-
ISP International	North Miami Beach, FL	305-919-8199	isp-inter.net	AT&T	1.544	30	No	No	\$17.00	720	-	-	-
KeyNet Corp	Key West, FL	305-294-2424	key.net	UUNET	0.056	18	No	No	\$24.95	100	\$1.00	-	-
Miami Herald	Miami, FL	305-376-3710	herald.com	MCI	1.544	96	No	No	\$19.95	-	-	-	-
NETRUNNER INC	Miami, FL	305-255-5800	netrunner.net	UUNET/AGIS	9.264	460	Yes	Yes	\$19.95	-	-	49.00	x2
NetSide Corp	Miami Beach, FL	305-531-1995	netside.net	MCI	1.544	128	Yes	No	\$15.00	-	-	-	-
Netpoint Communications	Miami, FL	305-891-9998	netpoint.net	Sprint	0.099	9999	No	No	\$25.00	120	\$1.00	-	-
Netrus	Miami, FL	305-717-3221	netrus.net	UUNET/Sprint	3.088	171	Yes	Yes	\$25.00	-	-	-	-
PANAMNET	Miami, FL	305-406-0206	panamnet.net	UUNET/MCI	3.080	92	Yes	Yes	\$19.95	-	-	24.95	x2
PowerPoint Consulting Group, Inc.	Miami, FL	305-225-2505	powerpoint.com	UUNET	0.099	9999	No	No	\$18.95	-	-	-	-
SoFlo Internet Services Corp	Miami, FL	305-892-4440	soflo.net	GridNet	1.544	355	Yes	Yes	\$15.00	-	-	-	-

Solutions Consulting Services	Miami, FL	305-994-7404	netscs.com	AGIS	0.099	9999	No	No	\$19.95	100	\$0.50	-	-
Southernmost Data Systems	Key West, FL	305-292-3030	conch.net	GridNet	0.099	9999	No	No	\$19.95	-	-	-	-
StarServe Communications Inc	Miami, FL	305-418-4100	starserve.com	AGIS/MCI/UUNET	4.632	120	No	No	\$19.95	-	-	-	-
The Electronic Link	Miami, FL	305-378-1128	elink.net	Sprint	0.099	9999	No	Yes	\$17.95	-	-	-	-
THENET DIGITAL SERVICES INC	Miami, FL	305-377-1755	thenet.net	UUNET	45.000	392	Yes	Yes	\$22.00	-	-	-	-
Tri-First Corp	Miami, FL	305-621-5676	tfcmiami.net	PSINet	0.099	9999	No	No	\$15.00	-	-	-	-
Zimmerman Communications	Plantation, FL	305-584-0199	zim.com	MCI	1.544	30	No	Yes	\$18.95	-	-	-	-
Acquired Knowledge Systems Inc	Fort Lauderdale, FL	954-525-2574	aksi.net	Sprint	3.088	69	No	Yes	\$19.95	60	\$1.00	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
Boca.net Inc	Boca Raton, FL	561-394-8080	boca.net	MCI/Sprint/UUNET/IBM	33.000	198	Yes	Yes	\$20.00	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
ComStar USA, Inc.	Sunrise, FL	954-777-4050	csusa.net	Sprint	1.544	20	No	No	\$16.00	-	-	-	-
CyberAgency Corp	Fort Lauderdale, FL	954-677-9327	cyberagency.net	BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
DAILY PLANET INTERNET SRVS.	Boca Raton, FL	561-369-1022	dailyplanet.net	Sprint/MCI	4.632	292	Yes	Yes	\$19.95	-	-	29.95	x2
Florida Internet Corp	West Palm Beach, FL	407-615-0001	flinet.com	MCI/Sprint	3.088	200	Yes	Yes	\$19.95	-	-	-	-
FLORIDA ONLINE	Rockledge, FL	407-635-8888	digital.net	Sprint	45.000	1600	Yes	Yes	\$20.00	150	\$0.50	20.00	x2
Florida Xpress Net	Deerfield Beach, FL	954-427-9655	fxn.com	Sprint	1.544	400	Yes	Yes	\$19.95	-	-	-	-
Fort Lauderdale Network	Fort Lauderdale, FL	954-489-3981	ft.lauderdale.net	CWIX/BBN	45.000	-	Yes	No	-	-	-	-	-
Global Datalink, Inc.	Orlando, FL	407-841-3690	gdi.net	Sprint	0.099	9999	Yes	Yes	\$14.95	100	\$1.00	18.00	-
Global Net	Orlando, FL	407-894-7672	globalnet.net	ANS	0.099	9999	No	No	\$20.00	-	-	-	-
Instant Internet and More Inc	Fort Lauderdale, FL	954-561-4827	instant-net.com	CWIX	0.099	9999	No	Yes	\$16.95	-	-	-	-
InterServer Inc.	Pompano Beach, FL	954-472-0661	isol.net	Sprint	1.544	13	No	Yes	\$15.95	-	-	-	-
Internet Paradise Inc	Atlanta, GA	770-980-0078	paradise.net	MCI	45.000	120	Yes	Yes	\$19.95	-	-	-	-
LakerNet	Fort Lauderdale, FL	954-359-3670	laker.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
M.A.G. Information Services	Lake Worth, FL	561-964-9841	magg.net	MCI	1.544	273	Yes	Yes	\$19.95	-	-	-	-
MATRIX COMMUNICATIONS, INC.	West Palm Beach, FL	561-615-6699	maco.net	BBN	1.544	202	Yes	Yes	\$17.95	-	-	17.95	x2
MegaBits Computers Inc	Merritt Island, FL	407-453-5900	megabits.net	Sprint	1.544	400	No	No	\$15.95	-	-	-	-
NETLINE COMMUNICATIONS	West Palm Beach, FL	561-966-5459	netline.net	Sprint	1.544	160	Yes	Yes	\$19.95	-	-	49.95	x2
Netdor Corp	Boca Raton, FL	954-776-9593	netdor.com	GridNet	0.099	9999	Yes	Yes	\$15.95	-	-	-	-
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
New World Telecommunications, Inc.	Fort Lauderdale, FL	954-370-0486	nwt.net	BBN	1.544	200	Yes	No	\$15.00	-	-	-	-
PSS InterNet Services Inc	Daytona Beach, FL	904-253-7100	america.com	UUNET	0.099	9999	Yes	No	\$22.95	-	-	-	-
Safari Internet	Fort Lauderdale, FL	954-537-9550	safari.net	MCI	1.544	200	Yes	No	\$24.95	-	-	-	-
SatelNet Communications Inc	Davie, FL	954-321-5660	satelnat.org	AGIS/MCI/UUNET	4.632	70	Yes	No	\$25.00	-	-	-	-
StarGate Technologies Inc	Apex, NC	919-303-5503	trader.net	MCI/Sprint	3.088	-	Yes	No	-	-	-	-	-
The EmiNet Domain	Boynton Beach, FL	561-731-0222	emi.net	Sprint	3.088	400	No	No	\$19.95	-	-	-	-
WAMNETRUNNER	Boca Raton, FL	407-392-9422	wamnetrunner.com	UUNET/AGIS	3.088	530	Yes	Yes	\$19.95	-	-	25.00	x2
WebStar Inc.	Deerfield Beach, FL	954-428-8829	web-star.net	MCI	3.088	175	Yes	Yes	\$19.95	-	-	-	-

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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
306 Area Code ♦ SASKATCHEWAN													
Data Link Canada West	Regina, SK	306-585-0362	dlcwest.com	Sprint	1.544	180	Yes	Yes	\$16.95	40	\$0.99	-	-
HMT Internet Inc	Yorkton, SK	306-782-9150	hmtnet.com	MCI	0.099	9999	No	No	\$19.95	60	\$1.00	-	-
Unibase Telecom Ltd	Regina, SK	306-789-9007	unibase.com	Sprint	0.099	9999	No	Yes	\$15.00	-	-	-	-
Western Business Machines	Regina, SK	306-721-2560	wbm.ca	MCI	0.099	9999	Yes	Yes	\$24.95	70	\$0.75	-	-
ALPHA COMMUNICATIONS LTD	Calgary, AB	403-230-5678	alphacom.com	Sprint	1.544	128	No	Yes	\$30.00	60	\$2.00	55.00	x2
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
HookUp Communications	Kelowna, BC	604-763-1176	awinc.com	MCI	0.099	9999	No	No	\$9.95	5	\$3.00	-	-

307 Area Code ♦ WYOMING													
CASPERS.NET	Casper, WY	307-237-3882	caspers.net	BBN	1.544	192	Yes	No	\$19.95	-	-	19.95	x2
COFFEYNET	Casper, WY	307-234-5443	coffey.com	MCI	1.544	134	Yes	No	\$20.00	-	-	20.00	x2
Rocky Mountain Internet Svc	Lander, WY	307-332-3755	rmisp.com	BBN	4.632	100	Yes	No	\$24.95	-	-	-	-
Visionary Communications Inc	Gillette, WY	307-682-1884	vcn.com	Sprint	3.088	130	Yes	No	\$20.00	-	-	-	-
WAVE Communications	Sheridan, WY	307-674-4925	wave.sheridan.wy.us	Sprint	1.544	75	Yes	No	\$25.00	-	\$2.00	-	-
Wyoming.com Llc	Riverton, WY	307-856-6400	wyoming.com	Sprint/MCI	3.088	180	Yes	No	\$19.95	75	\$0.25	-	-
AlpiNet Communications Inc	Bozeman, MT	406-586-8044	alpinet.net	UUNET	0.099	9999	No	No	\$10.00	15	\$2.00	-	-
Bozeman Daily Chronicle	Bozeman, MT	406-582-2654	gomontana.com	MCI	1.544	32	No	No	\$24.95	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Montana Communications Network	Billings, MT	406-254-9413	mcn.net	Sprint	3.088	632	Yes	Yes	\$19.95	-	-	-	-
NETConnect	Cedar City, UT	801-865-7032	tcd.net	MCI/Sprint/UUNET	30.000	696	Yes	Yes	\$19.95	-	-	19.95	-
Western Technology Partners	Billings, MT	406-256-9575	wtp.net	MCI	3.088	200	Yes	No	\$19.95	-	-	-	-
West Yellowstone Web Works	West Yellowstone, MT	406-646-7006	wyyellowstone.com	MCI	0.099	9999	No	No	\$29.95	30	\$1.75	-	-

308 Area Code ♦ NEBRASKA													
Business Telecomm Systems Inc	Grand Island, NE	308-382-1011	webbits.net	MCI	1.544	30	No	No	\$19.95	-	-	-	-
Chase 3000	Imperial, NE	308-882-3000	nque.com	MCI	0.099	9999	No	No	\$25.00	60	-	-	-
INTERNET SOLUTIONS DIGITAL	Kearney, NE	308-865-4736	kearney.net	MCI	1.544	160	No	No	\$14.95	-	-	14.95	x2
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5	\$0.40	-	-
LightSpeed Internet, LLC	Kearney, NE	308-234-6413	digitalis.net	DataXchange	3.088	35	Yes	No	\$9.95	-	-	-	-
LoperNet Inc	Kearney, NE	308-236-5716	lopermet.net	Sprint/MCI	3.088	96	No	Yes	\$14.95	-	-	-	-
LUNAnet Services	Kearney, NE	308-237-2922	lunanet.net	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
MICRO R&D INC	Loup City, NE	308-745-1243	micrord.com	MCI	1.544	25	No	No	\$30.00	-	-	30.00	x2
PC Connection - Prairie Creek	Grand Island, NE	308-946-5060	cconline.net	MCI	0.099	9999	No	No	\$9.95	10	\$0.50	-	-
PinPoint Communications Inc	Cambridge, NE	308-697-3333	swnebr.net	Sprint	1.544	32	No	No	\$29.95	125	\$4.80	-	-
Aliant Communications	Lincoln, NE	402-436-4959	navix.net	Sprint	45.000	800	No	No	\$17.50	40	\$3.00	-	-
CJNetWorks	Topeka, KS	913-295-5648	cjnetworks.com	MCI	3.088	300	Yes	Yes	\$20.00	-	-	-	-
Community Internet Systems	Columbus, NE	402-649-8362	megavision.com	MCI	1.544	80	No	No	\$15.00	40	\$1.00	-	-
INTERNET NEBRASKA	Lincoln, NE	402-434-8680	inetnebr.com	Sprint	3.088	273	Yes	No	\$20.00	-	-	25.00	LucK56flex
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-

309 Area Code ♦ ILLINOIS													
DAVE'S WORLD INC	Bloomington, IL	309-663-0874	dave-world.net	MCI	1.544	430	Yes	Yes	\$19.95	-	-	19.95	x2
DPCConsultants Inc	Tremont, IL	309-925-2451	dpc.net	Sprint	1.544	55	Yes	No	\$13.00	20	\$1.15	-	-

Galesburg.net	Galesburg, IL	309-342-7177	galesburg.net	MCI	1.544	80	Yes	No	\$19.95	-	-	-	-	-
HEART ELECTRONICS	Bartonville, IL	309-697-3100	heart.net	Sprint	1.544	144	Yes	Yes	\$18.99	-	-	18.99	Rock56flex	-
Icenet Interactive Communications	Normal, IL	309-454-4638	ice.net	MCI	1.544	146	No	Yes	\$24.95	-	-	-	-	-
Infobahn Outfitters Inc	Macomb, IL	309-836-3706	macomb.com	MCI	1.544	64	Yes	No	\$20.00	-	-	-	-	-
Innovative Technologies Group	Peoria, IL	309-692-0517	itek.net	MCI	1.544	36	Yes	No	\$20.00	-	-	-	-	-
InterACTION Online	Peoria, IL	309-999-2900	iaonline.com	MCI	1.544	60	No	No	\$15.00	-	-	-	-	-
Internet Express	Moline, IL	309-736-8000	netexpress.net	UUNET	1.544	153	Yes	Yes	\$20.00	-	-	-	-	-
Internet Revealed	Moline, IL	309-736-7424	revealed.net	Sprint	1.544	143	No	Yes	\$19.95	-	-	-	-	-
Missing Link Communications	Galesburg, IL	309-343-4405	misslink.net	MCI	3.088	105	No	Yes	\$29.95	-	-	-	-	-
MTCO Communications	Metamora, IL	309-367-2006	mtco.com	MCI	3.088	250	Yes	Yes	\$25.00	-	-	-	-	-
NTS Communications	Pekin, IL	309-353-3155	ntslink.net	Sprint	1.544	40	Yes	No	\$20.00	-	-	-	-	-
QUAD-CITIES ONLINE	Moline, IL	309-764-4344	qconline.com	UUNET	1.544	174	No	No	\$19.95	-	\$1.00	29.95	x2	-
Solution Services Inc	Peoria, IL	309-674-5290	ssi.net	AGIS/SAVVIS	4.552	92	Yes	No	\$20.00	-	-	-	-	-
bushnell.net	Macomb, IL	309-836-3706	bushnell.net	UUNET	1.544	16	Yes	No	\$29.95	-	-	-	-	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-	-
Basic Communications Ltd	Quincy, IL	217-221-5400	bcl.net	Sprint/UUNET/MCI	4.632	384	Yes	Yes	\$20.00	-	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-	-
IlliniNetworks	Springfield, IL	217-698-6063	inw.net	MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-	-
MidWest Communications, Inc.	Dubuque, IA	319-557-8463	mwci.net	AGIS/MCI/Nap.Net	6.176	580	Yes	Yes	\$24.00	-	-	-	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-	-
Muscatine Information Services	Muscatine, IA	319-264-6649	muscanet.com	MCI	1.544	62	Yes	No	\$29.95	-	-	-	-	-
Team Technologies	Cedar Falls, IA	319-266-1700	teamnet.net	MCI	3.088	-	Yes	No	-	-	-	-	-	-

310 Area Code ♦ CALIFORNIA

2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95	550	\$2.00	-	-	-
A1 Data Services	Beverly Hills, CA	310-358-0202	gdsi.net	Sprint	0.099	9999	No	No	\$34.95	-	-	-	-	-
ANET COMMUNICATIONS	Los Angeles, CA	310-659-0122	anet.net	MCI	1.544	180	Yes	Yes	\$16.00	-	-	16.00	x2	-
Ashford Communications	Torrance, CA	310-323-2934	ashford.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-
Bare Power Internet Services Inc	Los Angeles, CA	310-235-3500	barepower.net	MCI	0.099	9999	Yes	Yes	\$17.95	-	-	-	-	-
BEACHNET INC	Marina del Rey, CA	310-823-3308	beachnet.com	AGIS	3.088	46	No	Yes	\$24.95	200	\$1.00	29.95	Rock56flex	-
Cheetah Communications Intl	Duarte, CA	310-694-3254	cheetah.net	AGIS	3.088	8	No	No	\$19.95	-	-	-	-	-
Cinenet Communications	Marina del Rey, CA	310-301-4500	cinenet.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
DHM Information Management Inc	Manhattan Beach, CA	310-643-4908	power.net	MCI/Sprint	0.099	9999	Yes	No	\$24.95	-	-	-	-	-
DigiLink Network Services	Marina del Rey, CA	310-577-9450	digilink.net	MCI	10.000	391	Yes	Yes	-	-	-	-	-	-
Family Internet BBS	Torrance, CA	310-378-0251	vacsew.com	Sprint	0.128	16	No	No	\$12.95	600	-	-	-	-
Flamingo Communications Inc	Torrance, CA	310-320-4886	fcom.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-	-
Hotel California BBS	Artesia, CA	310-407-1321	kincyb.com	MAE West	0.099	9999	No	No	\$25.00	-	-	-	-	-
Interline Communication Group	Torrance, CA	310-257-0960	interline.net	BBN	0.099	9999	Yes	Yes	\$19.90	-	-	-	-	-
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	\$29.99	100	\$1.00	-	-	-
Intonet Inc	Beverly Hills, CA	310-226-8674	intonet.net	CIX	1.544	29	No	Yes	\$19.95	-	-	-	-	-
JovaNet Communications Inc	Marina del Rey, CA	310-577-5800	jovanet.com	MCI	45.000	35	No	No	\$19.95	200	\$1.00	-	-	-
L.A. Bridge Inc.	Santa Monica, CA	310-450-5686	labridge.com	MCI	10.000	20	No	Yes	\$19.95	-	-	-	-	-
Leonardo Internet	Santa Monica, CA	310-395-5500	leonardo.net	MCI	0.099	9999	Yes	Yes	\$18.33	-	-	-	-	-
Los Nettos	Marina del Rey, CA	310-822-1511	los-nettos.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-
MainNet	Culver City, CA	310-670-9995	mainnet.net	AGIS	1.544	260	Yes	Yes	\$9.99	-	-	-	-	-
Maximum R&D	Los Angeles, CA	310-670-0759	gem.net	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-	-
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-
Millenia	Signal Hill, CA	310-986-9785	millenia.com	UUNET	1.544	9	No	Yes	\$20.00	-	-	-	-	-
MriINTER.NET	Manhattan Beach, CA	310-320-2226	mriinter.net	Sprint	0.099	9999	No	Yes	\$19.50	-	-	-	-	-
Netwood Communications	Los Angeles, CA	310-442-1530	netwood.net	MCI	1.544	55	No	No	\$19.95	-	-	-	-	-
Network Sciences	Los Angeles, CA	310-208-7233	linkeasy.net	BBN	1.544	364	Yes	Yes	\$17.95	-	-	-	-	-
NodeWarrior NetWorks Inc	Marina del Rey, CA	310-574-5302	nodewarrior.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-
Professional Presence Providers	Long Beach, CA	310-981-6640	prprpr.com	Sprint	0.384	10	No	No	\$25.00	-	-	-	-	-
Serve.Net	Los Angeles, CA	310-571-0426	serve.net	UUNET	0.099	9999	No	No	\$50.00	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
310 Area Code ♦ CALIFORNIA										
SoftAware	Marina del Rey, CA	310-305-0275	software.com	GoodNet	45.000	-	Yes	No	-	-
SureNet Corp	Manhattan Beach, CA	310-414-3330	sure.net	MCI	3.080	400	Yes	No	\$19.95	-
The Mac Pros	El Segundo, CA	310-726-0555	macpros.com	AGIS	0.099	9999	Yes	Yes	\$19.95	100 \$0.50
The Web Presence Group	Redondo Beach, CA	310-793-2410	webpg.net	MCI	1.544	16	No	No	\$19.95	-
Underground Network	West Hollywood, CA	310-246-0909	underground.net	Sprint	0.099	9999	No	No	\$19.95	-
Unitrendix Internet Inc.	Torrance, CA	310-791-2320	ginga.com	CWIX	1.544	-	Yes	No	-	-
VGS NetMedia Corp	Los Angeles, CA	310-915-6143	vgs.com	MCI	1.544	64	No	Yes	\$14.95	-
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200 \$1.00
Vision Internet Providers Inc	Los Angeles, CA	310-656-3100	netvip.com	AGIS	0.099	9999	No	No	\$17.95	-
WonderNet	Redondo Beach, CA	310-543-5123	wwi.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-
Worldsite Networks	Beverly Hills, CA	310-967-8000	worldsite.net	CRL	45.000	50	Yes	No	\$19.95	-
Worldwide Business Connections	Marina del Rey, CA	310-577-7666	wwwbc.com	MCI	10.000	25	Yes	Yes	\$19.95	-
95net Inc	Irvine, CA	714-222-1034	95net.com	AGIS	3.088	83	No	Yes	\$16.95	-
A Def Webserver & Internet Access	Los Angeles, CA	714-575-4400	adefwebserver.com	Sprint	0.256	28	No	No	\$19.95	-
A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	19.95
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	18.95
AceWeb Network	North Hills, CA	818-891-5941	acweb.net	MCI	0.099	9999	No	Yes	\$8.00	30
American Digital Network Inc	San Diego, CA	619-576-4272	adnc.com	MCI	0.099	9999	No	Yes	\$22.00	60 \$5.00
ARTSCI INC	Burbank, CA	818-843-4080	artsci.net	AGIS	1.544	68	No	Yes	\$19.95	29.95
ASYST DATA GROUP	Irvine, CA	714-250-0110	asyst.net	MCI	45.000	41	Yes	Yes	\$15.95	19.95
BBS LA	North Hollywood, CA	213-737-8538	bbs-la.com	MCI	0.384	15	Yes	Yes	\$14.95	-
Bestlink Inc	Pasadena, CA	818-432-7040	bestlink.net	MCI	0.099	9999	No	Yes	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-
CCI Industries Inc	Fullerton, CA	714-738-7270	cci-internet.com	CIX	45.000	300	Yes	Yes	\$14.95	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15 \$2.00
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	12.95
ClubNET, Inc.	Diamond Bar, CA	909-612-5888	clubnet.net	MCI/AGIS	12.088	200	Yes	Yes	\$18.40	-
CompuAll Inc	Fountain Valley, CA	714-964-2140	compuall.com	UUNET	0.099	9999	Yes	No	\$9.99	75 \$1.75
CompuLearn Business Services	Tarzana, CA	818-344-8434	lacompulearn.com	Sprint	1.544	9	No	Yes	\$12.95	20 \$1.00
Connect America	Riverside, CA	909-275-5313	connectamerica.net	AGIS/ATMnet	4.632	600	Yes	Yes	\$15.95	-
Cosmoslink Internet Services	Brea, CA	714-577-8593	cosmoslink.net	AGIS	1.544	100	Yes	No	\$19.95	-
CruzNet	Fullerton, CA	714-680-6600	cruznet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-
Crystalink Communications	Walnut, CA	909-444-2800	crystalink.com	AGIS	0.099	9999	No	No	\$19.95	-
CyberEsc Communications Network	Tarzana, CA	818-776-2391	cyberesc.net	MCI	4.000	192	Yes	Yes	\$17.95	240 \$2.00
CyberWeb	Chatsworth, CA	818-773-5777	cyberweb1.com	AGIS	0.099	9999	Yes	No	\$19.95	-
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150 \$1.50
Delta Internet Services	Anaheim, CA	714-490-2000	delta.net	UUNET	45.000	1800	Yes	Yes	\$19.95	-
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150 \$0.50
DirectNet	Los Angeles, CA	213-383-3144	directnet.com	UUNET	1.544	192	Yes	Yes	\$20.00	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-
E-ZNET	Los Angeles, CA	213-738-9284	e-znet.com	CIX	1.544	20	No	No	\$24.95	-
INTERNET COMMUNICATIONS	Van Nuys, CA	818-778-6990	ecom.net	Sprint	6.176	768	No	Yes	\$19.95	19.95
ElectriCiti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425 \$2.00
First Internet Alliance	San Clemente, CA	714-366-1350	fia.net	AGIS	10.000	303	No	Yes	\$18.95	-
Franklin InterNet	Westlake Village, CA	805-373-8688	ftel.net	MCI	45.000	1550	Yes	Yes	\$15.00	-
GENESIS NETWORK	Riverside, CA	909-361-0949	genesisnetwork.net	AGIS/UUNET	45.000	252	Yes	Yes	\$15.95	25.95
GlassCity Internet, Inc.	Toledo, OH	888-452-7763	glasscity.net	Sprint	3.088	720	Yes	Yes	\$15.95	-
GLOBAL INTERNET	Orange, CA	714-937-5500	globalpac.com	AGIS/ATMnet/UUNET	12.352	1175	Yes	Yes	\$13.99	13.99

GreenHeart Internet Services	South Pasadena, CA	818-799-9461	greenheart.com	MCI	1.544	100	No	No	\$19.95	-	-	-	-	-	-	-	-	-
Higgs America	Van Nuys, CA	818-899-1875	higgs.net	Genuity	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	-	-	-	-	-	-	-
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-	-	-	-	-	x2/RocK56flex
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	-	-	-	-	-	-	x2
InteleNet Communications Inc	Irvine, CA	714-851-8250	intelenet.net	Sprint/MCI/BBN	45.000	250	Yes	Yes	-	-	-	-	-	-	-	-	-	-
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-	-	-	-	-	-
Internet Business Services Inc	Anaheim, CA	714-635-9777	4ibs.com	CWIX	15.632	23	Yes	Yes	-	-	-	-	-	-	-	-	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	x2/RocK56flex/LucK56flex
INTERNET TELEPRESENCE INC	Glendale, CA	818-638-0537	itgateway.com	UUNET	10.000	60	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	x2
Internet of Orange County	Anaheim, CA	714-530-4254	ioc.net	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-	-	-	-	-	-
InternetConnect	Los Angeles, CA	213-637-3485	internetconnect.net	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-	-	-	-	-	-
Intifone Telecommunications System	Arcadia, CA	818-446-9176	sgvnet.com	Sprint	0.099	9999	No	No	\$9.95	10	\$1.95	-	-	-	-	-	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	-	-	-	-	-	-	x2/RocK56flex
Jet.Net-Internet Services	Chatsworth, CA	818-734-0168	jet.net	MCI	3.088	192	Yes	Yes	-	-	-	-	-	-	-	-	-	-
KNet Services	Los Angeles, CA	213-462-1909	k-net.net	UUNET	1.544	106	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
KTB INTERNET ONLINE	Glendale, CA	818-240-6600	ktb.net	MCI/AGIS	3.088	208	Yes	Yes	\$15.00	-	-	-	-	-	-	-	-	x2
Kaiwan Corp	Irvine, CA	714-260-8888	kaiwan.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-	-	-	-
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	-	-	-	-	-	-	-	-	RocK56flex/LucK56flex
LOL Media / Eden BBS	Newport Beach, CA	714-548-7598	edenbbs.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-	-	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-	-	-	-	-	-
Lightside Inc	Covina, CA	818-858-9261	lightside.net	ATMnet	1.544	40	Yes	No	\$19.95	-	-	-	-	-	-	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
LinkOnline Network	Los Angeles, CA	213-251-1500	linkonline.net	UUNET	45.000	500	No	Yes	\$19.95	-	-	-	-	-	-	-	-	-
Linkline Internet Access Inc	Mira Loma, CA	909-685-2000	linkline.com	AGIS	10.000	182	Yes	Yes	\$14.95	-	-	-	-	-	-	-	-	-
MCS Internet Service Provider	Glendale, CA	818-542-3935	wman.com	AGIS	1.544	60	No	No	\$16.95	-	-	-	-	-	-	-	-	-
MJI Corp	Burbank, CA	818-569-4909	type3.net	MCI	1.544	-	Yes	No	-	-	-	-	-	-	-	-	-	-
NET999	Huntington Beach, CA	714-847-1906	net999.com	ATMnet	1.544	100	No	No	\$9.99	-	-	-	-	-	-	-	-	-
NETCOAST Communications	Burbank, CA	818-563-3200	netcoast.net	AGIS	0.099	9999	Yes	Yes	\$40.00	-	-	-	-	-	-	-	-	-
NETouch Communications, Inc.	Irvine, CA	714-789-9170	netouch.net	AGIS	45.000	230	Yes	Yes	-	-	-	-	-	-	-	-	-	-
Nayzak Communications	Anaheim, CA	714-520-8384	nayzak.com	MCI	1.544	300	Yes	No	\$14.95	-	-	-	-	-	-	-	-	-
NetSol Technologies	Walnut, CA	909-869-6455	netsol.net	AGIS/PSINet	3.088	150	Yes	No	\$15.00	-	-	-	-	-	-	-	-	-
Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5	\$2.00	-	-	-	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-	-	-	-	-	-
OmniComm BBS	Lakewood, CA	562-938-9444	ocis.com	DataXchange	1.544	25	No	No	\$18.00	-	-	-	-	-	-	-	-	-
OneGlobe.Net	Long Beach, CA	562-495-6400	oneglobe.net	Sprint	1.544	23	No	No	\$19.95	-	-	-	-	-	-	-	-	-
ONLY MULTIMEDIA NETWORK	Los Angeles, CA	213-964-4900	only.com	MCI	3.088	740	No	Yes	\$10.00	-	-	-	-	-	-	-	-	x2
Orange County Online	Garden Grove, CA	714-899-6018	oco.net	CWIX	1.544	16	No	No	\$15.95	-	-	-	-	-	-	-	-	-
PCS	Norwalk, CA	562-483-6828	cyberpcs.com	AGIS	4.632	288	Yes	No	\$12.95	-	-	-	-	-	-	-	-	-
PacLink Communications LLC	Pasadena, CA	818-583-1988	paclink.net	AGIS	45.000	230	Yes	Yes	\$14.95	-	-	-	-	-	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
PACIFICNET	Canoga Park, CA	818-717-9500	pacificnet.net	AGIS	10.000	1028	Yes	Yes	\$18.95	-	-	-	-	-	-	-	-	x2/LucK56flex
Paradomain Corp	Fullerton, CA	714-449-9408	pdc.net	MCI	0.099	9999	No	No	\$18.95	-	-	-	-	-	-	-	-	-
Ping Digital Systems	Hacienda Heights, CA	818-968-1480	pingdata.net	DIGEX	1.544	95	Yes	Yes	\$15.95	-	-	-	-	-	-	-	-	-
QuickCom Internet	Chatsworth, CA	818-773-5777	quickcom.net	AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-	-	-	-
QuickNet - ICG Inc	Newport Beach, CA	714-852-2100	quick.net	AGIS	45.000	512	Yes	No	\$20.00	-	-	-	-	-	-	-	-	-
Saigon Enterprises	Glendale, CA	818-246-0689	saigon.net	MCI	1.544	60	Yes	Yes	\$15.00	-	-	-	-	-	-	-	-	25.00
SIBERIA INTERNET ACCESS	Agoura Hills, CA	818-889-1396	siag.com	CRL	1.544	1200	Yes	Yes	\$19.95	100	-	-	-	-	-	-	-	x2
Silicon Networking	Van Nuys, CA	818-375-5099	silicon.net	AGIS	0.099	9999	No	Yes	\$18.95	-	-	-	-	-	-	-	-	-
SIMPLY INTERNET	San Diego, CA	619-565-7873	inetworld.net	CRL	1.544	286	No	Yes	\$15.76	-	-	-	-	-	-	-	-	-
SkyTier Networks LLC	Anaheim, CA	714-701-1310	skytier.net	MCI	1.544	36	Yes	Yes	\$15.95	-	-	-	-	-	-	-	-	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-	-	-	-	-	-
SouthWest Nineteen Networks	Anaheim, CA	714-991-1919	snni.com	CRL	1.544	142	No	Yes	\$20.00	-	-	-	-	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
310 Area Code ♦ CALIFORNIA													
Southland Internet Services	Fullerton, CA	714-441-3000	southland.net	MCI	1.544	30	No	No	\$20.00	-	-	-	-
SpeedGate Communications Inc	Laguna Hills, CA	714-597-2250	speed.net	Sprint	0.099	9999	No	Yes	\$9.00	5	\$2.00	-	-
Star Tech Communications	Diamond Bar, CA	909-396-4225	stbbs.com	AGIS	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
StarLink	Orange, CA	714-782-0515	starlinknet.net	Sprint	0.099	9999	Yes	No	\$19.50	-	-	-	-
Strategic Internet Partners	Irwindale, CA	818-815-2775	sip.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Tea-House of the Net	Anaheim, CA	714-781-2300	tea-house.com	Sprint	3.088	20	No	No	\$25.00	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
The Data Depot	Los Angeles, CA	213-663-9127	datadepot.com	Sprint/AGIS	4.632	500	Yes	Yes	\$15.00	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
The Loop	Los Angeles, CA	213-465-1311	loop.com	CRL	0.099	9999	No	No	\$12.99	-	-	-	-
Thinline Communications	Arcadia, CA	818-294-1710	thinline.com	AGIS	1.544	2	Yes	Yes	\$15.95	-	-	-	-
Thirdwave Information Services	Santa Ana, CA	714-751-7614	lax.thirdwave.net	MCI	3.088	28	Yes	Yes	\$24.00	300	\$1.00	-	-
Thirdwave Information Services	Olathe, KS	913-829-2212	thirdwave.net	CWIX/MCI	3.088	91	Yes	Yes	\$19.95	-	-	-	-
TIOcom	Laguna Niguel, CA	714-348-2957	tio.com	MCI	1.544	240	Yes	Yes	\$20.00	-	-	-	-
TYnet Inc	Marina del Rey, CA	818-991-3591	tynet.com	Sprint	45.000	-	Yes	No	-	-	-	-	-
VINET COMMUNICATIONS, INC.	Westminster, CA	714-418-0899	vinet.com	CRL	1.544	192	No	No	\$16.95	-	-	24.95	x2
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex
Vivid Internet Production	Walnut, CA	909-595-9988	vividnet.com	AGIS	1.544	300	Yes	No	\$15.00	-	-	-	-
WARENET	Mission Viejo, CA	714-348-3295	ware.net	MCI	45.000	106	Yes	Yes	\$50.00	-	-	50.00	x2
Web World Inc	Orange, CA	714-639-0595	webworldinc.com	CIX	1.544	35	Yes	No	\$25.00	-	-	-	-
Western DataCom	Orange, CA	714-712-9050	wdc.net	MCI	0.099	9999	No	No	\$9.95	15	\$1.00	-	-
WESTWORLD COMMUNICATIONS	Chatsworth, CA	818-718-4100	westworld.com	IBM/UUNET	45.000	4740	Yes	Yes	\$19.95	-	-	29.95	RocK56flex
Wincom Internet Services Inc	Los Angeles, CA	213-389-9417	wc.net	MCI	0.099	9999	No	Yes	\$24.00	-	-	-	-
Winteractive Communications	Fountain Valley, CA	714-378-3768	winteractive.com	UUNET	3.088	20	No	No	\$15.00	-	-	-	-

312 Area Code ♦ ILLINOIS

AMERICAN COMM & ENT NETWORK	Chicago, IL	312-808-9600	acen.net	BBN	45.000	507	Yes	Yes	\$5.95	-	-	5.95	x2
American Information Systems Inc	Chicago, IL	312-255-8500	ais.net	MCI/Sprint/UUNET/CWIX	0.099	9999	Yes	Yes	\$22.50	200	\$2.00	-	-
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
CyberConnect of Chicago	Chicago, IL	312-622-5300	cyberconnect.com	Sprint	1.544	44	Yes	No	\$20.00	-	-	-	-
EZ Networks, Inc.	Chicago, IL	312-230-9600	eznetinc.net	UUNET	0.099	9999	Yes	No	\$10.95	-	-	10.95	-
Grapevine Systems Inc	Chicago, IL	312-226-1675	grapevine-sys.com	UUNET	0.099	9999	No	No	\$25.00	250	-	-	-
InterAccess Co	Chicago, IL	312-496-4400	interaccess.com	Sprint	0.099	9999	Yes	Yes	\$20.95	-	-	-	-
InterVision Inc	Chicago, IL	312-266-8100	mbsi.net	MAE West	45.000	-	Yes	No	-	-	-	-	-
MSGNet	Chicago, IL	312-901-4143	msg.net	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
Macro Computer Solutions Inc	Chicago, IL	312-803-6271	mcs.net	DataXchange/GoodNet	0.099	9999	Yes	Yes	\$19.95	200	\$1.00	-	-
MEGSINET INC	Chicago, IL	312-245-9015	meginet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	-	-	14.95	RocK56flex
Millennia Internet	Chicago, IL	312-341-0192	miint.net	UUNET	1.544	132	Yes	Yes	\$20.00	-	-	-	-
NeTConnect	Chicago, IL	312-782-0800	interman.net	UUNET	0.099	9999	No	Yes	\$30.00	50	\$0.05	-	-
Tezcatlipoca Inc	Chicago, IL	312-850-0181	tezcat.com	Sprint	0.099	9999	No	Yes	\$30.00	-	-	-	-
VisionI Systems Inc	Chicago, IL	312-326-9188	visioni.com	MCI	1.544	50	No	No	\$18.00	120	\$0.05	-	-
Westwind Consulting	Chicago, IL	312-477-8191	westwind.net	MCI	0.099	9999	No	No	\$16.67	-	-	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-	-	-	-
ZZNET	Chicago, IL	312-808-0300	zznet.com	DataXchange	0.056	8	No	No	\$17.50	-	-	-	-
ACRUX Internet	Rockford, IL	815-397-3732	acrux.net	MCI/AGIS	3.088	34	Yes	No	\$19.99	-	-	-	-
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	RocK56flex
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afra-span.net	Sprint	1.544	8	Yes	No	\$20.00	160	\$1.95	-	-

Allways, Inc.	Westmont, IL	630-971-9866	dpliv.com	MCI	0.099	9999	No	Yes	\$15.95	-	-	-	-	-
AMERICAN INTERMAXX	Mc Henry, IL	815-385-7240	imaxx.net	UUNET/MCI	3.088	740	Yes	Yes	\$15.95	-	-	15.95	x2	-
Aquila Internet Services	Aurora, IL	630-820-0480	aquila.net	Sprint	1.544	54	Yes	Yes	\$19.95	20	\$2.00	-	-	-
AXON DATA SYSTEMS	Downers Grove, IL	630-595-5096	axnet.com	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	14.00	x2	-
BlueMarble Information Services	Bloomington, IN	812-335-8677	bluemarble.net	MCI	1.544	54	No	No	\$19.50	-	-	-	-	-
CCI	Des Plaines, IL	847-635-5151	net-cci.com	Nap.Net	44.300	32	Yes	No	\$9.95	-	-	-	-	-
CCSS	Chicago, IL	773-779-2277	ccss.net	MCI/GoodNet	3.088	200	No	Yes	\$15.00	-	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-	-
CHICAGONET	Carol Stream, IL	773-762-1002	chicagonet.net	GoodNet/MCI	45.000	3408	Yes	Yes	\$9.95	-	-	17.95	x2/RocK56flex/LucK56flex	-
COMPUTERESE INFORM. NETWORK	Hoffman Estates, IL	847-310-1188	cin.net	Sprint/MCI	29.000	2996	Yes	Yes	\$19.95	-	-	29.95	x2/RocK56flex/LucK56flex	-
CYCOM COMMUNICATIONS CORP	Naperville, IL	630-961-1234	cycom.net	CIX/UUNET	4.632	200	Yes	No	\$19.95	-	-	19.95	x2	-
DLS Computer Services Inc	Algonquin, IL	847-854-4799	dls.net	MCI	3.088	32	Yes	Yes	\$14.99	-	-	-	-	-
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-	-
DATAFLO INC	Wood Dale, IL	630-860-4578	dataflo.net	MCI	3.088	210	No	Yes	\$20.00	-	-	20.00	x2	-
Digital Interplay Inc	Chicago, IL	773-743-9843	digiplay.com	Nap.Net	1.544	10	No	No	\$19.95	100	\$1.00	-	-	-
Electrinet Internet Services	Chicago, IL	773-889-3757	electrinet.com	BBN	1.544	32	No	No	\$19.95	24	-	-	-	-
ENET INC	Columbus, OH	614-794-5971	ee.net	MCI/Sprint	9.264	115	Yes	Yes	\$12.50	-	-	12.50	x2	-
EnterAct L.L.C.	Chicago, IL	773-248-8511	enteract.com	MAE West	10.000	472	Yes	Yes	\$5.00	5	\$1.00	-	-	-
FORWARD NETWORK COMMUN.	Chicago, IL	773-395-0023	theforward.net	BBN/Nap.Net	6.176	98	Yes	Yes	\$20.00	-	-	25.00	x2	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-	-
I Connection Inc	Waukegan, IL	847-662-0877	iconnect.net	MAE West	1.544	100	Yes	No	\$25.00	250	-	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-	-
InfoRamp Inc	Cicero, IL	708-222-6666	theramp.net	MCI	3.088	650	Yes	Yes	\$19.95	-	-	-	-	-
InterGlobal Communications	Chicago, IL	847-298-9933	igcom.net	MCI	3.088	124	Yes	Yes	\$16.95	240	-	-	-	-
Interactive Network Systems Inc	Highland Park, IL	847-266-5600	insnet.com	DataXchange	1.544	80	Yes	Yes	\$25.00	-	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-	-
Internet Chicago	Mt Prospect, IL	847-228-1717	icsp.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-	-
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-	-
Internet Illinois	Geneva, IL	630-513-1033	inil.com	MCI	3.088	1092	Yes	Yes	\$20.00	-	-	-	-	-
Kwom Communications Inc	Glen Ellyn, IL	630-253-3568	kwom.com	AGIS	0.099	9999	No	Yes	\$25.00	-	-	-	-	-
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240	-	-	-	-
Millennium Internet Ltd	Palos Heights, IL	708-388-2040	millnet.net	UUNET	0.099	9999	No	No	\$29.95	-	-	-	-	-
NETWave Internet	Lombard, IL	708-889-2383	netwave.net	UUNET	0.099	9999	Yes	No	\$16.95	-	-	-	-	-
NETSOURCE COMMUNICATIONS	Naperville, IL	630-778-1212	ntsource.com	MCI	1.544	94	Yes	Yes	\$19.95	-	-	19.95	x2	-
Open Business Systems Inc	Addison, IL	708-916-7570	obs.net	MCI	0.099	9999	Yes	No	\$20.00	-	-	-	-	-
Pinnacle Communications Inc	Addison, IL	630-932-8751	pincom.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-	-
RIPCO COMMUNICATIONS INC	Chicago, IL	773-477-6210	ripco.com	UUNET	1.544	137	Yes	Yes	\$15.00	-	-	100.00	LucK56flex	-
StarNet Inc	Palatine, IL	847-202-0099	stametinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-	-	-	-	-
Super-highway Inc	Roselle, IL	630-307-7600	super-highway.net	MCI	1.544	100	No	Yes	\$19.95	-	-	-	-	-
Synergistic Networks Inc	Elmhurst, IL	630-993-0460	syn.net	Sprint	1.544	48	Yes	Yes	\$20.00	-	-	-	-	-
Synet Inc	Downers Grove, IL	630-271-1500	synet.net	MCI	1.544	50	Yes	No	\$19.95	-	-	-	-	-
TCC Communications	Brookfield, WI	414-390-4457	tcccom.net	MCI/Sprint	45.000	514	Yes	Yes	\$19.95	150	\$1.00	-	-	-
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-	-	-	-	-
The Planet Group Inc	Chicago, IL	773-772-8333	pg.net	BBN/CIX	3.088	378	Yes	Yes	\$25.00	-	-	45.00	-	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-	-
ThoughtPort Authority of Chicago	Chicago, IL	773-862-6870	tpa.net	AGIS	1.544	48	Yes	Yes	-	-	-	-	-	-
USHost Inc	Chicago, IL	773-442-2250	ushost.com	MCI	1.544	20	Yes	Yes	-	-	-	-	-	-
WinkComm	Hoffman Estates, IL	847-310-9465	winkcomm.com	UUNET/MCI	3.088	24	No	Yes	-	-	-	-	-	-
wyndows techknow	Glenview, IL	847-729-7522	techknow.com	MCI	1.544	16	No	No	\$9.67	-	-	-	-	-
XNet Information Systems	Lisle, IL	630-983-6064	xnet.com	Sprint/MCI/Nap.Net	45.000	400	Yes	Yes	\$20.00	186	-	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
313 Area Code ♦ MICHIGAN													
ABC Computers	Chelsea, MI	313-475-6634	chelsea-mi.net	MCI	0.099	9999	No	No	\$19.95	100	-	-	-
ADP	Ann Arbor, MI	313-769-6800	autonet.net	MCI	0.099	9999	No	No	\$9.95	15	\$1.95	-	-
Advanced Internet Providers Ltd	Ann Arbor, MI	313-662-9000	aipltd.com	CRL	0.099	9999	Yes	Yes	\$17.00	80	\$0.50	-	-
Branch Internet Services Inc	Ann Arbor, MI	313-741-4442	branch.net	MCI	0.099	-	Yes	No	-	-	-	-	-
CDL CORP	New Boston, MI	313-753-0702	cdlcorp.com	UUNET	0.384	21	No	No	\$20.00	150	\$0.50	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
CyberZone Inc	Ann Arbor, MI	313-668-2060	cyberzone-inc.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Driven, Inc.	Southgate, MI	313-281-4343	driveninc.com	MCI	3.088	25	Yes	Yes	\$10.00	-	-	-	-
DUNDEE INTERNET SERVICES	Dundee, MI	313-529-5331	dundee.net	AGIS/UUNET	3.088	111	Yes	Yes	\$9.95	10	\$1.95	9.95	Rock56flex/LucK56flex
FoxBerry Group Inc.	Monroe, MI	313-243-6655	foxberry.net	MCI	1.544	170	Yes	Yes	\$9.95	10	\$1.50	-	-
Gateway Online	Taylor, MI	313-291-2666	gatecom.com	MCI	1.544	257	No	Yes	\$19.95	-	-	-	-
GREAT LAKES INTERNET	Westland, MI	313-326-7199	gr-lakes.com	Sprint	1.544	25	No	No	\$24.95	-	-	24.95	x2
HAL 9000 BBS	Ann Arbor, MI	313-314-1862	hal9k.com	MCI	0.099	9999	No	No	\$10.00	2	-	-	-
I-LINK INTERNATIONAL, INC.	Trenton, MI	313-676-7344	ili.net	AGIS	3.088	219	No	Yes	\$16.62	80	\$0.99	16.62	Rock56flex
I-NET ACCESS	Ann Arbor, MI	313-332-4300	i-netaccess.com	UUNET	1.544	40	No	No	\$19.95	-	-	-	-
ICNet	Ann Arbor, MI	313-998-0090	ic.net	MCI	0.099	9999	Yes	Yes	\$29.95	60	\$2.00	-	-
INTERCHANGE INC	Dearborn, MI	313-359-1069	ichange.net	AGIS/UUNET	45.000	8720	Yes	Yes	\$16.50	90	\$1.00	24.99	Rock56flex
Isthmus Corp	Ann Arbor, MI	313-973-2100	izzy.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Merit Network Inc	Ann Arbor, MI	313-764-9430	merit.edu	MCI	45.000	4200	Yes	No	\$10.00	-	-	-	-
Michigan BizServe	Ann Arbor, MI	313-761-8742	bizserve.com	MCI	10.000	330	No	No	\$19.95	40	\$1.00	-	-
Observer & Eccentric Newspapers	Livonia, MI	313-953-2297	oeonline.com	MCI	0.099	9999	No	No	\$15.95	100	\$1.80	-	-
PROVIDE NET	Ypsilanti, MI	313-480-4770	provide.net	ANS	3.088	912	No	No	\$14.95	-	-	14.95	x2
RCNet	Ypsilanti, MI	313-572-0640	rc.net	MCI	3.088	15	No	No	\$8.00	-	-	-	-
RustNet, Inc.	Livonia, MI	313-762-6000	rust.net	UUNET/AGIS	0.099	9999	Yes	Yes	\$14.95	130	\$0.50	-	-
TECHNOLOGY DIMENSIONS INC	Monroe, MI	313-457-3377	tdi.net	AGIS	45.000	490	Yes	Yes	\$9.95	5	\$1.95	9.95	x2/Rock56flex/LucK56flex
The Library Network	Wayne, MI	313-326-8910	tlm.lib.mi.us	MCI	1.544	4092	No	No	\$10.00	-	-	-	-
VisualNet	Detroit, MI	313-989-0638	visualnet.net	UUNET	1.544	56	Yes	Yes	\$12.95	-	-	-	-
WEBNET INC	Taylor, MI	313-287-0225	webbnet.net	UUNET	45.000	600	Yes	Yes	\$14.95	-	-	14.95	Rock56flex
Wood Dimensions Ltd	Flat Rock, MI	313-783-5559	wooddimensions.com	UUNET	1.544	32	Yes	No	\$12.00	-	-	12.00	-
123 NET	Chesterfield, MI	810-716-1700	123.net	MCI	10.000	188	Yes	Yes	\$19.95	-	-	19.95	x2
ACD INTERNET SERVICES	East Lansing, MI	517-333-0900	acd.net	UUNET/MCI	6.176	960	Yes	Yes	\$18.95	-	-	18.95	x2
Alliance Network Inc	Grand Rapids, MI	616-774-3010	alliance.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
AMERICAN WEBMASTERS, INC.	Saint Clair Shores, MI	810-790-9522	agn.net	AGIS/UUNET	45.000	1095	Yes	No	\$8.95	-	-	8.95	x2
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
CDNET, inc	West Bloomfield, MI	810-851-4370	cdnet.net	AGIS	6.176	50	No	No	\$19.95	-	-	-	-
CHRISTOPHER AUDIO CONCEPTS	Howell, MI	517-545-2853	cac.net	MCI	1.544	184	Yes	No	\$15.95	-	-	19.95	x2
Coast To Coast Telcomm Inc	Clarkston, MI	810-623-6700	coast.net	AGIS	3.088	60	Yes	Yes	\$8.95	10	\$2.00	-	-
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5	\$2.25	-	-
Computer Networking Services Inc	Sterling Heights, MI	810-939-8292	compnetserv.com	UUNET	3.088	60	Yes	Yes	\$15.00	-	-	-	-
EagleQuest Inc	Rochester, MI	810-650-4700	eaglequest.com	AGIS	1.544	68	No	No	\$19.95	150	-	-	-
Freeway Inc	Petoskey, MI	616-347-3175	freeway.net	MCI	3.088	250	Yes	Yes	\$15.00	-	-	-	-
HomeTown Newspapers	Howell, MI	517-545-1919	htonline.com	UUNET	1.544	120	No	No	\$19.95	-	-	-	-
I-STAR ONLINE	Oscoda, MI	517-739-7954	i-star.com	BBN	1.544	76	No	No	\$18.95	-	-	34.95	Rock56flex
Innovative Data Services	Farmington Hills, MI	810-855-0404	id.net	UUNET/MCI	0.099	9999	Yes	Yes	\$9.95	10	\$4.00	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
INTERNET OPERATIONS CENTER	Southfield, MI	810-204-8888	iocenter.net	AGIS/UUNET	45.000	238	Yes	Yes	\$24.95	150	\$0.90	24.95	x2
INTERNET SERVICES OF MICH.	Howell, MI	517-548-1400	ismi.net	MCI	3.088	419	Yes	Yes	\$19.95	-	-	19.95	x2
Iserv Inc	Grand Rapids, MI	616-281-5254	iserv.net	MCI/UUNET/Sprint	6.176	1072	Yes	Yes	\$9.95	40	\$1.95	-	-
Livingston Internet Services	Howell, MI	517-548-0040	livingonline.com	AGIS	45.000	43	No	Yes	\$18.50	-	-	-	-

Managed Network Systems Inc.	Windsor, ON	519-258-2333	mnsi.net	MCI/Sprint	3.088	1217	Yes	Yes	\$24.94	-	-	-	-
Maple Valley Computer Center	Nashville, MI	517-852-1784	mvcc.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-
MICH.COM, INC.	Farmington Hills, MI	810-442-1000	mich.com	MCI	0.768	943	Yes	Yes	\$19.95	80	\$0.60	19.95	Rock56flex/LucK56flex
Michigan Internet Communication Assn	Redford, MI	810-355-1438	mica.net	Sprint	13.544	68	Yes	Yes	\$30.00	-	-	-	-
Moore Technologies	Toledo, OH	419-389-8277	mooretech.net	AGIS	3.088	630	Yes	No	\$19.95	-	-	-	-
Msen Inc	Troy, MI	810-740-3400	msen.com	AGIS/UUNET	4.632	520	Yes	Yes	\$17.50	-	-	-	-
Netrex Inc	Southfield, MI	810-352-9643	netrex.net	AGIS/UUNET	45.000	-	Yes	No	-	-	-	-	-
On-Line Exchange Inc	Saint Clair Shores, MI	810-445-2133	ole.net	MCI	1.544	24	No	Yes	\$13.95	10	\$2.00	-	-
PB COMPUTER SERVICE, INC.	Warren, MI	810-778-3906	pbc.com	BBN	1.544	100	No	Yes	\$15.95	-	-	15.95	x2
RINGOnline	White Lake, MI	810-698-4659	ring.com	DataXchange	45.000	100	Yes	No	\$16.95	150	\$0.50	-	-
ShiaNet Community Information	Owosso, MI	517-723-5149	shianet.org	MCI	0.099	9999	No	No	\$9.95	30	-	-	-
SHUTTERNET	Madison Heights, MI	810-544-2930	shutter.net	AGIS	3.088	68	Yes	Yes	\$40.00	-	-	40.00	x2
Sojourn Systems Ltd	Lansing, MI	517-393-2738	sojourn.com	MCI/MCI	3.088	175	Yes	No	\$19.95	-	-	-	-
StarNet Inc	Palatine, IL	847-202-0099	starnetinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-	-	-	-
TelSoft Consultants Inc	Farmington Hills, MI	810-865-6500	telsoft.net	MCI	1.544	39	Yes	Yes	\$19.95	-	-	-	-
The (I)ndustry Network, Inc.	Mount Clemens, MI	810-783-2100	industry.net	DIGEX/DIGEX/DIGEX	4.632	108	Yes	No	\$22.95	-	-	-	-
The Internet Ramp	Flint, MI	810-732-7930	tir.com	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
Toledo's TBBS	Temperance, MI	419-478-0544	toltbbs.com	Sprint	1.544	32	Yes	No	\$9.95	5	\$1.00	-	-
Voyager Information Networks	East Lansing, MI	517-324-8940	voyager.net	MCI/MCI	3.088	1200	Yes	Yes	\$19.95	-	-	-	-
wwwPassport Inc	Sterling Heights, MI	810-795-0600	bignet.net	UUNET	45.000	380	Yes	Yes	\$9.95	-	-	-	-

314 Area Code ♦ MISSOURI

ANET St. Louis	Florissant, MO	314-653-2638	anet-usa.com	Sprint/UUNET/MCI	45.000	196	Yes	Yes	\$19.95	-	-	-	-
BIZNET COMMUNICATIONS	Saint Louis, MO	314-994-7613	biz1.net	Sprint	0.500	17	Yes	Yes	\$17.50	-	-	25.00	x2
CyberJunction.Net Inc	Saint Louis, MO	314-776-3009	cyberjunction.net	Sprint	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Cybergate LLC	Florissant, MO	314-214-1013	cybergate.org	Sprint	0.099	9999	No	Yes	\$20.00	-	-	-	-
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
FASTRANS LOGISTICS, INC.	Saint Louis, MO	314-429-9220	fastrans.net	UUNET	6.176	256	Yes	Yes	\$15.95	-	-	19.95	Rock56flex
First Class Solutions Inc	Saint Louis, MO	314-997-8998	1stnet.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
InLink	Creve Coeur, MO	314-432-0935	inlink.com	MCI/Sprint	3.088	715	Yes	Yes	\$19.00	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex
Internet Gateway Inc	Saint Peters, MO	314-936-8655	igateway.net	CWIX	1.544	83	Yes	Yes	\$25.00	504	\$1.50	-	-
JCN, Inc.	Herculaneum, MO	314-937-6326	jcn1.com	Sprint	1.544	96	Yes	Yes	\$19.95	-	-	-	-
MVP-Net Inc	Saint Louis, MO	314-434-4687	mvp.net	MCI	4.632	484	Yes	Yes	\$19.95	-	-	-	-
Nothing But Net, Inc.	Moscow Mills, MO	314-366-4367	nothnbut.net	MCI/Sprint	45.000	76	No	No	\$19.95	-	-	-	-
Primary Network	Saint Louis, MO	314-995-5755	primary.net	Sprint	45.000	736	Yes	Yes	\$19.95	-	-	-	-
Pulitzer Technologies	Saint Louis, MO	314-535-5555	stlnet.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
St. Louis Internet Connections	Saint Louis, MO	314-241-4266	icon-stl.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
St. Louis Internet, Inc.	Saint Louis, MO	314-458-2866	st-louis.net	MCI	1.672	150	No	Yes	\$19.95	-	-	-	-
St. Louis Online	Saint Louis, MO	314-894-8364	stl-online.net	MCI	45.000	20	No	No	\$19.95	-	-	-	-
The Software Exchange Inc	Saint Louis, MO	314-275-7777	tseinc.com	MCI	1.544	37	No	Yes	\$19.95	-	-	-	-
Trucom Internet Services	Saint Louis, MO	314-382-4720	trucom.com	MCI	0.099	9999	No	No	\$17.95	-	-	-	-

ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	Rock56flex
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
Allied Access Inc	Murphysboro, IL	618-684-2255	intmet.net	MCI/Sprint	3.088	140	Yes	No	\$30.00	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
ezi dot com Inc	Edwardsville, IL	618-659-3206	ezi.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Internet Partners of America	Fort Smith, AR	501-785-0300	ipa.net	MCI/Sprint	3.088	759	Yes	Yes	\$11.95	25	\$0.95	-	-
Metro St. Louis Communications	Granite City, IL	618-251-6358	spiff.net	Sprint/Sprint	1.800	50	Yes	Yes	\$15.00	-	-	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-	-	18.95	x2
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
314 Area Code ♦ MISSOURI													
SOCKET Internet Services	Columbia, MO	573-817-0000	socket.net	Sprint	0.099	9999	Yes	Yes	\$9.00	15	\$1.80	-	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TFSNet Inc	Mission, KS	913-262-4638	tfs.net	MCI/BBN	3.088	396	Yes	Yes	\$20.00	-	-	-	-
US INTERNET	Columbia, MO	573-446-8442	usi.com	MCI	1.544	120	No	Yes	\$15.95	-	-	15.95	Rock56flex
WorldWide Communications Network	Bunker Hill, IL	618-585-3693	wwc.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
WORLDWIDE GRAPEVINE, INC.	Lenexa, KS	913-894-8170	wwi.net	MCI/SAVVIS	9.088	790	Yes	Yes	\$19.95	-	-	19.95	x2

315 Area Code ♦ NEW YORK

BORG Internet Services, Inc	Utica, NY	315-793-0036	borg.com	MCI	1.544	210	Yes	Yes	\$17.95	-	-	-	-
Baldwin Communications	Jordan, NY	315-689-3400	baldcom.net	Sprint	0.768	88	No	No	\$20.00	-	-	-	-
Computer Connection	Ontario, NY	315-524-2103	computer-connection.net	BBN	0.099	9999	No	No	\$18.95	-	-	-	-
DATAServ Inc.	Red Creek, NY	315-754-6512	redcreek.com	MCI	45.000	8	No	No	\$19.95	-	-	-	-
Dreamscape Online, LLC.	East Syracuse, NY	315-437-4166	dreamscape.com	UUNET	45.000	625	Yes	Yes	\$18.95	-	-	-	-
Geographic Internet Services Co., LLC	Clayton, NY	315-686-4656	gisco.net	MCI	1.544	245	No	No	\$12.95	-	-	-	-
IMC-NET	Watertown, NY	315-782-5059	imcnet.net	UUNET	1.544	126	No	Yes	\$20.00	-	-	-	-
InterAcess Internet Services	Syracuse, NY	315-432-1926	axess.net	Sprint	1.544	36	Yes	Yes	\$19.95	-	-	-	-
Knighted Computers Inc.	Fulton, NY	315-593-8219	knighted.com	MCI	3.088	41	No	No	\$19.95	-	-	-	-
NetSite Systems Inc.	East Syracuse, NY	315-446-5555	netsitesys.com	UUNET	3.088	20	Yes	Yes	\$20.00	-	-	-	-
North Country RRR Council	Canton, NY	315-386-4569	northnet.org	Sprint/ANS	3.088	310	Yes	Yes	\$14.95	60	\$0.25	-	-
Northern Internet, Inc.	Madrid, NY	315-322-0632	northweb.com	Sprint	1.544	32	No	No	\$19.95	-	-	-	-
Nysermet	Syracuse, NY	315-453-2912	nysermet.org	Sprint	0.099	9999	No	No	\$25.00	25	\$1.50	-	-
St. Lawrence Internet Connection	Nicholville, NY	315-328-4900	slc.com	MCI	3.600	174	No	No	\$19.95	-	-	-	-
Syra.NET ISP	Syracuse, NY	315-423-7900	syra.net	UUNET	1.544	28	Yes	Yes	\$22.00	-	-	-	-
TRAKNET	Syracuse, NY	315-446-2898	traknet.com		1.544	210	No	Yes	\$15.44	-	-	15.44	x2
Virtual Communities Network	Liverpool, NY	315-233-1948	vcomm.net	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
Chenango Net Services	Norwich, NY	607-337-7700	norwich.net	MCI	1.544	120	Yes	No	\$19.95	200	-	-	-
CLARITY CONNECT INC	Ithaca, NY	607-257-8268	clarityconnect.com	UUNET	45.000	306	Yes	Yes	\$15.30	-	-	15.30	x2
E-ZNET INC	Rochester, NY	716-262-2485	eznet.net	Sprint/MCI	3.088	198	Yes	Yes	\$20.00	-	-	35.00	x2
Global 2000 Communications Inc	Albany, NY	518-452-1465	global2000.net	Sprint/MCI	2.056	276	Yes	Yes	\$25.00	-	-	-	-
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
LocalNet Corp	Williamsville, NY	716-632-1133	localnet.com	AGIS/Sprint	4.632	350	Yes	No	\$19.95	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
METRO LINK ONLINE, INC.	Victor, NY	716-742-2717	metro-online.com	MCI	1.544	108	No	No	\$14.00	-	-	14.00	x2
Net Access	Rochester, NY	716-756-5597	netacc.net	MCI/UUNET	3.088	240	Yes	No	\$14.95	-	-	-	-
Odyssey Networks	Homer, NY	607-749-6610	odyssey.net	UUNET	1.544	130	No	No	\$17.95	-	-	-	-
Rochester Public Access Inc	Rochester, NY	716-242-8880	rpa.net	Sprint	0.099	9999	Yes	No	\$15.00	-	-	-	-
Rochester Telephone Internet	Rochester, NY	716-777-4638	frontiernet.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Servicetech	Rochester, NY	716-263-3360	servtech.com	Sprint/MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Spectra Net	Johnson City, NY	607-798-7300	spectra.net	UUNET	3.088	255	Yes	Yes	\$19.95	-	-	-	-
Telenet	Fort Plain, NY	518-993-5777	telenet.net	Sprint/MCI/BBN	4.632	145	No	No	\$8.95	10	\$1.50	-	-
The CyberSpace Frontier	Canandaigua, NY	716-554-4519	spacetech.com	MCI	0.512	40	No	No	\$20.00	-	-	-	-
VivaNET	Rochester, NY	716-475-1610	vivanet.com	MCI	3.088	224	No	Yes	\$20.00	-	-	-	-

316 Area Code ♦ KANSAS

APEX.COM Inc	Pittsburg, KS	316-232-5697	apexcorp.com	Sprint	1.544	52	Yes	No	\$19.95	-	-	-	-
BlackWebs	Parsons, KS	316-421-4640	blackwebs.com	Sprint	0.385	40	No	No	\$30.00	-	-	-	-
Cyber Lodge	Medicine Lodge, KS	316-886-5654	cyberlodg.com	MCI	0.128	14	No	No	\$30.00	-	-	-	-
DTC InterNet	Wichita, KS	316-687-9290	dtc.net	BBN	1.544	373	Yes	Yes	\$10.00	-	-	-	-
Feist Systems, Inc.	Wichita, KS	316-833-5200	feist.com	Sprint	4.632	1000	Yes	Yes	\$19.95	-	-	-	-
Internet Burlington	Burlington, KS	316-364-8550	kans.com	Sprint	1.544	30	No	No	\$24.95	250	\$0.50	-	-
Internet Services Co	Parsons, KS	316-421-0088	computer-services.com	MCI	1.544	174	Yes	Yes	\$20.00	-	-	-	-
Kansas Web LLC	Great Bend, KS	316-792-2085	kansasweb.net	MCI	1.544	180	Yes	Yes	-	-	-	-	-
Nautilus Commercial Data Systems	Iola, KS	316-365-7559	nautilus.net	MCI	3.088	112	No	Yes	\$25.00	-	-	-	-
NetVision Technologies Inc	Wichita, KS	316-681-3142	nvt.net	MCI/MCI	3.088	125	No	Yes	\$25.00	75	\$0.50	-	-
Pioneer Internet	Ulysses, KS	316-356-4638	pld.com	MCI	1.544	250	Yes	No	\$19.95	-	-	-	-
Pittsburg Online	Frontenac, KS	316-231-0746	pitton.com	Sprint	1.544	64	Yes	No	\$17.50	-	-	-	-
RAHAB Computer Technologies	Fowler, KS	316-646-5770	rahab.net	-	0.192	15	No	No	\$25.00	-	-	-	-
SouthWind Internet Access Inc	Wichita, KS	316-263-7963	southwind.net	Sprint/MCI	3.088	449	Yes	Yes	\$22.00	-	-	-	-
Terra Net Inc	Independence, KS	316-332-1616	terraworld.net	MCI/Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Cottage Software Inc	Tulsa, OK	918-742-3510	cottagesoft.com	Sprint	1.544	168	Yes	Yes	\$19.95	-	-	-	-
Internet Direct Communications	Lawrence, KS	913-841-2220	idir.net	MCI/UUNET	9.264	500	Yes	Yes	\$18.95	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Kansas Research & Education Network	Lawrence, KS	913-864-0422	kanren.net	Sprint/MCI	9.264	-	Yes	No	-	-	-	-	-
KansasNet	Manhattan, KS	913-776-1452	kansas.net	MCI/Sprint	3.088	330	Yes	Yes	\$20.00	200	\$1.50	-	-
NetSpace Internet Services	Salina, KS	913-823-3565	midusa.net	MCI	3.088	546	Yes	Yes	\$18.95	-	-	-	-
ONTHE.NET LLC	Springfield, MO	417-865-4593	getonthe.net	MCI	4.632	768	Yes	Yes	\$19.95	100	\$1.00	29.95	x2
PTSI	Guymon, OK	405-338-7525	brightok.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
SmartNet Internet Services	Saint Joseph, MO	816-233-4944	smartnet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TFSNet Inc	Mission, KS	913-262-4638	tfs.net	MCI/BBN	3.088	396	Yes	Yes	\$20.00	-	-	-	-

317 Area Code ♦ INDIANA

Affordable Internet To All	New Whiteland, IN	317-308-6900	ai2a.net	MCI/UUNET	0.099	9999	No	No	\$5.00	120	\$5.00	-	-
All-Net InterNet	Indianapolis, IN	317-673-4214	all-net.net	Sprint/MCI	1.600	30	No	No	\$20.00	-	-	-	-
CIOE Corp	Lafayette, IN	317-449-4000	cioe.com	Sprint	45.000	425	Yes	No	\$20.00	-	-	-	-
COMTECK	Sweetser, IN	317-384-7870	comteck.com	Sprint	0.099	9999	No	No	\$13.95	-	-	-	-
DCWI	Brookston, IN	317-563-3504	dcwi.com	Sprint	0.099	9999	No	No	\$8.25	10	\$0.50	-	-
Eclipse America Corp	Indianapolis, IN	317-580-0658	epower.net	UUNET/Sprint	3.088	-	Yes	No	-	-	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
IN-MOTION L.L.C.	Zionsville, IN	317-870-5400	in-motion.net	MCI	1.544	238	No	Yes	\$15.00	-	-	15.00	RocK56flex/LucK56flex
Indiana Communications & Systems	Rushville, IN	317-932-2083	comsys.net	Sprint	1.544	52	No	No	\$20.00	120	\$1.00	-	-
Indy Web Inc	Indianapolis, IN	317-356-3639	indyweb.net	MCI	3.088	100	No	No	\$15.95	-	-	-	-
IndyNet	Indianapolis, IN	317-251-5208	indy.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
InterConnect, Inc.	Indianapolis, IN	317-891-6760	inct.net	Sprint	1.544	30	No	No	\$15.00	120	\$0.50	-	-
INTERNET EXCHANGE	Indianapolis, IN	317-570-3700	iei.net	MCI	1.544	120	Yes	No	\$14.95	150	-	29.95	x2
Internet Indiana	Indianapolis, IN	317-876-5638	in.net	Sprint	0.099	9999	No	No	\$15.00	90	-	-	-
Internet-Connect Inc	Mooreville, IN	317-243-7888	surf-ici.com	MCI	1.544	80	No	No	\$15.00	120	\$0.50	-	-
Metropolitan Data Networks Ltd	Lafayette, IN	317-449-0539	mdn.com	MCI	1.544	52	Yes	Yes	\$4.95	10	\$1.00	-	-
Net Direct	Indianapolis, IN	317-251-5252	netdirect.net	Sprint/MCI	3.088	10	Yes	Yes	\$20.00	250	\$0.50	-	-
On-Ramp Indiana	Carmel, IN	317-573-9044	ori.net	MCI	1.544	35	Yes	Yes	\$20.00	-	-	-	-
Scott Integration	Connersville, IN	317-825-2418	si-net.com	UUNET	1.544	36	No	No	\$20.00	-	-	-	-
SHELBYNET INC	Shelbyville, IN	317-392-3766	shelbynet.net	MCI	1.544	75	No	No	\$19.95	-	-	19.95	x2
Space Age Electronics Inc	Kokomo, IN	317-453-7137	netusa1.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
317 Area Code ♦ INDIANA													
THE MIDWEST CONNECTION INC	Indianapolis, IN	317-390-3240	midlink.com	UUNET/MCI	3.088	90	Yes	Yes	\$15.00	150	\$0.50	15.00	x2
Traders' Connection	Indianapolis, IN	317-322-2000	trader.com	Sprint	1.544	250	No	No	\$11.95	-	-	-	-
Tri-County Telephone Co	New Richmond, IN	317-339-7221	tctc.com	Sprint	1.544	96	No	No	\$20.00	-	-	-	-
BlueMarble Information Services	Bloomington, IN	812-335-8677	bluemarble.net	MCI	1.544	54	No	No	\$19.50	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
BUSINESS PRODUCTS & SYS.	Tulsa, OK	918-664-0094	busprod.com	MCI	1.544	207	No	No	\$12.95	-	-	12.95	x2
Columbus PBX	Columbus, IN	812-372-9244	cpbx.net	MCI	0.099	9999	No	No	\$10.00	5	-	-	-
Enter.net Inc	Allentown, PA	610-437-2221	enter.net	MCI	0.099	9999	No	No	\$15.95	-	-	-	-
GLOBAL SERVICES	Richmond, IN	765-962-3770	globalsite.net	UUNET	1.544	192	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Kiva Networking	Bloomington, IN	812-337-5070	kiva.net	MCI	3.088	280	Yes	No	\$19.95	-	-	-	-
NetLink Communications Inc	W Lafayette, IN	765-463-4724	ncli.com	UUNET	1.544	999	Yes	No	\$25.00	175	\$1.00	-	-
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25	\$1.00	35.00	x2/RocK56flex
ThePoint Internet Services Inc	Sellersburg, IN	812-246-7187	thepoint.net	UUNET/Nap.Net	4.632	210	Yes	Yes	\$20.00	-	-	-	-
Virtual Networks Inc	Rockville, MD	301-738-1111	vni.net	CAIS/Sprint	0.099	9999	Yes	Yes	\$23.00	-	\$1.00	-	-

318 Area Code ♦ LOUISIANA

Acadian.Net	Lafayette, LA	318-269-9112	acadian.net	MCI	1.544	40	No	No	\$24.95	-	-	-	-
Acadiana Internet Services	New Iberia, LA	318-364-0333	aisp.net	BBN	0.099	9999	No	Yes	\$29.95	-	-	-	-
Ark-La-Tex Network Services	Blanchard, LA	318-464-1997	ark-la-tex.com	MCI	1.544	60	Yes	Yes	\$15.00	-	-	-	-
BAYOU INTERNET	Monroe, LA	318-323-0011	bayou.com	MCI	1.544	240	Yes	Yes	\$19.95	-	-	39.00	x2
CP-Tel Network Services	Natchitoches, LA	318-352-0006	cp-tel.net	GridNet/UUNET	0.099	9999	No	Yes	\$10.95	10	\$2.00	-	-
Computer Internet Access	Shreveport, LA	318-869-3399	ciai.net	MCI	0.256	37	No	Yes	\$19.95	-	-	-	-
DataExchange Internet Services	Leesville, LA	318-238-5679	dtb.net	MCI	1.544	60	No	No	\$29.95	-	-	-	-
DelTech Industries, Ltd.	Lake Charles, LA	318-433-2225	deltech.net	UUNET	1.544	29	Yes	Yes	\$22.95	-	-	-	-
FIRSTNET OF ACADIANA INC	Lafayette, LA	318-289-0125	1stnet.com	Sprint	1.544	50	Yes	No	\$25.00	-	-	25.00	x2
Global Reach	Lafayette, LA	318-237-8960	globalreach.net	MCI	1.544	35	Yes	Yes	\$24.95	-	-	-	-
Grand Central Station	Shreveport, LA	318-682-4427	gcstation.net	Sprint	0.256	40	No	Yes	\$5.00	5	\$1.50	-	-
Innovative Network Technologies	Crowley, LA	318-788-2088	inti.net	Sprint	1.544	16	No	No	\$350.00	-	-	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
LinkNet Internet Services	Alexandria, LA	318-442-5465	linknet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
NET-CONNECT LTD	Lafayette, LA	318-234-4396	net-connect.net	Sprint	1.544	368	Yes	Yes	\$30.00	-	-	30.00	x2/RocK56flex
Prysm Technologies Inc	Shreveport, LA	318-424-4638	prysm.net	UUNET	1.544	270	Yes	Yes	\$24.95	-	-	-	-
SHREVENET	Shreveport, LA	318-222-2638	shreve.net	UUNET	1.544	132	No	Yes	\$19.95	-	-	24.95	x2
Softdisk Internet Services	Shreveport, LA	318-221-8718	softdisk.com	MCI	1.544	152	No	No	\$19.95	-	-	-	-
Time Trend Computers	Alexandria, LA	318-473-8707	timetrend.com	MCI	1.544	56	No	No	\$19.95	-	-	-	-
WorldNet of Louisiana, L.L.C.	Leesville, LA	318-238-3737	la-tex.com	Sprint	1.544	200	Yes	No	\$29.95	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-
CommNet Data Systems	New Orleans, LA	504-571-2300	comm.net	Sprint/MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
CYBERTRON INC	Meridian, MS	601-693-2697	cybertron.com	MCI	3.088	227	Yes	Yes	\$19.95	-	-	29.95	x2
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-
Starlink Information Systems, Inc	Texarkana, TX	903-831-7566	slinknet.com	CRL	3.088	193	Yes	Yes	\$19.99	-	-	-	-

319 Area Code ♦ IOWA

AVALON NETWORKS	Iowa City, IA	319-339-8268	avalon.net	MCI	1.544	208	Yes	No	\$19.95	-	-	19.95	x2
CIS INTERNET SERVICES	Clinton, IA	319-242-0529	clinton.net	UUNET	1.544	100	Yes	No	\$20.00	-	-	-	-
Cedar Rapids Public Library	Cedar Rapids, IA	319-398-5123	crpl.cedar-rapids.lib.ia.us	MCI	1.544	48	No	No	\$20.00	-	-	-	-
CedarNet	Waterloo, IA	319-233-5765	cedamet.org	MCI	1.544	36	No	No	\$5.00	-	-	-	-
Cedamet Online Inc	Cedar Rapids, IA	319-369-0882	cedamet.com	DataXchange	0.099	9999	No	No	\$14.95	-	-	-	-
Corn-Link	Cedar Rapids, IA	319-389-7460	cedar-rapids.net	MCI	1.544	32	No	No	\$19.95	-	-	-	-
DHI COMMUNICATIONS	Cedar Rapids, IA	319-377-9755	dhinternet.com	MCI	1.544	120	Yes	Yes	\$19.99	-	-	29.99	RockK56flex
Excabur Network Communications	Cedar Rapids, IA	319-365-6030	comic.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
GIANT INC	Iowa City, IA	319-354-6614	giant.net	MCI	1.544	712	Yes	Yes	\$19.95	-	-	19.95	x2/RockK56flex/LucK56flex
la.Net	Cedar Rapids, IA	319-393-1095	ia.net	Sprint	4.632	228	Yes	No	\$30.00	-	-	-	-
InterLink Llc	Keokuk, IA	319-524-2895	interl.net	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
InterProc	Dubuque, IA	319-588-3969	dubuque.net	UUNET	1.544	30	No	No	\$20.00	-	-	-	-
Internet Navigator Inc	North Liberty, IA	319-626-7464	inav.net	MCI/Sprint	4.632	320	No	No	\$20.00	744	-	-	-
MidWest Communications, Inc.	Dubuque, IA	319-557-8463	mwci.net	AGIS/MCI/Nap.Net	6.176	580	Yes	Yes	\$24.00	-	-	-	-
Muscatine Information Services	Muscatine, IA	319-264-6649	muscanet.com	MCI	1.544	62	Yes	No	\$29.95	-	-	-	-
SBT, Inc.	Waterloo, IA	319-236-6160	sbt.net	MCI	1.544	55	No	No	\$40.00	-	-	-	-
TRX INC.	Oelwein, IA	319-283-1074	trxinc.com	BBN	1.544	81	Yes	Yes	\$29.95	120	\$0.50	29.95	x2
Team Technologies	Cedar Falls, IA	319-266-1700	teamnet.net	MCI	3.088	-	Yes	No	-	-	-	-	-
The Forbin Project Inc	Cedar Falls, IA	319-266-4423	forbin.com	MCI/BBN	3.088	65	Yes	No	\$14.95	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
citynet	Platteville, WI	608-348-3340	cybertown.net	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
Internet Express	Moline, IL	309-736-8000	netexpress.net	UUNET	1.544	153	Yes	Yes	\$20.00	-	-	-	-
Internet Revealed	Moline, IL	309-736-7424	revealed.net	Sprint	1.544	143	No	Yes	\$19.95	-	-	-	-
JUMP GATE NETWORKS	Mason City, IA	515-424-5307	jumpgate.net	MCI	1.544	56	No	No	\$23.58	-	-	23.58	x2
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5	\$0.40	-	-
LISCO	Fairfield, IA	515-472-5400	fairfield.com	MCI	0.099	9999	Yes	No	\$27.95	-	-	-	-
Lighthouse Communications, Inc.	West Des Moines, IA	515-222-1115	lh.net	MCI/UUNET	17.544	920	Yes	Yes	-	-	-	-	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex
netINS, Inc.	Des Moines, IA	515-830-0110	netins.net	MCI/Sprint/UUNET	9.264	814	Yes	Yes	\$25.00	-	-	-	-
ONLINE MULTIMEDIA NTWK OF IOWA	Des Moines, IA	515-277-6664	ia-omni.com	MCI	1.544	30	Yes	No	\$19.95	-	-	34.95	LucK56flex
QUAD-CITIES ONLINE	Moline, IL	309-764-4344	qconline.com	UUNET	1.544	174	No	No	\$19.95	-	\$1.00	29.95	x2
The Raccoon River Net Works	Des Moines, IA	515-282-9190	raccoon.com	MAE West	3.088	24	Yes	No	\$25.00	-	-	-	-
Visionary Systems, Ltd.	Des Moines, IA	515-288-5717	visionary.com	MCI	1.544	12	No	No	\$20.00	-	-	-	-

320 Area Code ♦ MINNESOTA

Cloudnet	Waite Park, MN	320-240-8243	cloudnet.com	MCI	1.544	130	No	Yes	\$20.00	200	\$0.25	-	-
Maximum Internet Services of Minneso	Montevideo, MN	320-269-9565	maxminn.com	MCI	45.000	30	No	No	\$30.00	-	-	-	-
Netlink Communications Inc	Saint Cloud, MN	320-259-4069	netlinkcom.com	MCI	1.544	35	Yes	Yes	\$19.95	-	-	-	-
REA-ALP INTERNET SERVICES	Alexandria, MN	320-762-1121	rea-alp.com		0.099	9999	Yes	No	\$19.95	-	-	25.95	x2
RUNESTONE TELEPHONE ASSN.	Hoffman, MN	320-986-6602	runestone.net	MCI	1.544	64	No	No	\$19.95	-	-	19.95	x2
Sauk Centre Herald	Sauk Centre, MN	320-352-6577	saukherald.com	MCI	0.099	9999	No	No	\$14.00	15	\$2.00	-	-
Virtual Networks	Pine City, MN	320-629-5464	pinenet.com	Sprint	0.099	9999	No	No	\$27.50	200	\$1.00	-	-
Century Telephone of Wisconsin	La Crosse, WI	608-796-5300	centuryinter.net	UUNET	1.544	216	Yes	Yes	\$9.95	10	\$1.95	-	-
Desktop Media	Albert Lea, MN	507-373-2155	deskmedia.com	MCI	3.088	162	Yes	Yes	\$19.95	-	-	-	-
ENTERPRISE NETWORK SYSTEMS	Eagan, MN	612-683-9141	ens.net	Sprint	1.544	28	Yes	No	\$25.00	120	\$2.50	45.00	x2
Frontier Communications of MN	Burnsville, MN	612-435-1504	mn.frontiercomm.net	MCI	1.544	384	Yes	No	\$19.95	-	-	-	-
incNET Inc	Eden Prairie, MN	612-943-3946	incnet.com	MCI	1.544	22	Yes	Yes	\$2.00	-	-	-	-
InterNetwork Services	Maple Grove, MN	612-391-7300	inet-serv.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
320 Area Code ♦ MINNESOTA													
Local Link, Inc	Owatonna, MN	507-451-9397	ll.net	MCI/Sprint	3.088	75	No	No	\$19.95	-	\$1.00	-	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
Minnesota Regional Network	Minneapolis, MN	612-362-5800	mr.net	MCI/Sprint	0.099	9999	No	No	\$29.00	120	\$2.00	-	-
Spacestar Communications	Eden Prairie, MN	612-996-0000	spacestar.net	MCI/Sprint/MCI/Sprint	0.099	9999	Yes	Yes	\$8.95	15	\$1.00	-	-
USLink Long Distance	Pequot Lakes, MN	218-568-2231	uslink.net	MCI	1.544	200	No	No	\$20.00	120	\$1.50	-	-

330 Area Code ♦ OHIO													
akronet	Akron, OH	330-733-0558	akronet.com	MCI	3.088	30	No	No	\$17.95	150	\$0.45	-	-
Alliance Link	Alliance, OH	330-821-2222	alliancelink.com	MCI	1.544	25	No	No	\$19.95	-	-	-	-
Auldhaefen Online Services	Akron, OH	330-745-9380	ald.net	MCI/UUNET	0.099	9999	Yes	No	\$15.00	-	-	-	-
CISNET INC	Youngstown, OH	330-629-2691	cisnet.com	UUNET	3.088	116	Yes	No	\$19.00	-	-	25.00	Rock56flex
CanNet Internet Services	Canton, OH	330-484-2260	cannet.com	MCI	0.099	9999	Yes	No	\$14.95	-	-	-	-
CanTec Communications	Canton, OH	330-478-9263	cantec.com	MCI	1.544	48	No	No	\$9.95	30	\$0.75	-	-
config.sys Productions, LTD.	Ravenna, OH	330-297-9595	config.com	MCI/UUNET	6.176	80	Yes	Yes	\$20.00	-	-	-	-
EZNet Ohio	Canton, OH	330-493-3877	ezo.net	MCI	0.099	9999	No	Yes	\$17.95	-	-	-	-
Imperium Internet	Canton, OH	330-478-3600	imperium.net	MCI/MCI	3.088	572	Yes	Yes	\$17.95	-	-	-	-
Internet Ohio	Medina, OH	330-723-1633	ohio.net	MCI/Sprint/UUNET	0.099	9999	Yes	No	\$15.00	15	\$1.50	-	-
Jim & Bob's Internet Connection	Massillon, OH	330-493-8421	jbic.com	MCI	1.544	99	No	No	\$19.95	-	-	-	-
LEK INTERNET SERVICES	Akron, OH	330-535-1199	lek.net	Sprint/UUNET/MCI/ANS	45.000	144	Yes	Yes	\$19.95	-	-	19.95	x2
NEOnet Online	Poland, OH	330-758-9997	neont.com	DataXchange	1.544	60	No	No	\$20.00	-	-	-	-
NIS Online	Uniontown, OH	330-628-0641	nisonline.com	Netcom	0.099	9999	No	No	\$14.95	-	\$1.00	-	-
NewReach Communications	Akron, OH	330-374-7450	newreach.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
ONE COMMUNICATIONS	Warren, OH	330-306-6111	onecom.com	Sprint	1.544	120	No	No	\$19.95	-	-	19.95	x2
The GrapeVine Network Ltd	Warren, OH	330-399-7486	grapevinenet.com	UUNET/ANS/MCI	0.099	9999	No	No	\$15.00	-	-	-	-
Trumbull Business Systems Inc	Warren, OH	330-369-3617	netdotcom.com	Sprint	1.544	50	Yes	No	\$10.00	15	\$2.00	-	-
TUSCO.NET	Dennison, OH	330-364-8917	tusco.net	MCI	1.544	496	Yes	Yes	\$19.20	-	-	19.20	x2
Valkyrie Internet Service	Millersburg, OH	330-674-6775	valkyrie.net	MCI	1.544	30	No	No	\$17.95	-	-	-	-
WINFIELD COMMUNICATION INC	Akron, OH	330-867-2904	winc.com	UUNET	1.544	58	Yes	Yes	\$19.95	-	-	40.00	x2
APK Net Ltd	Cleveland, OH	216-241-7166	apk.net	MCI/UUNET/MCI	4.632	350	Yes	Yes	\$20.00	-	-	-	-
CLOVER.NET	Coshocton, OH	614-622-0028	clover.net	MCI	1.544	180	Yes	Yes	\$19.95	200	\$0.35	27.95	x2
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5	\$2.25	-	-
CyberDrive	Solon, OH	216-498-8020	cyberdrive.net	Sprint/UUNET	0.099	9999	Yes	No	\$12.95	30	\$2.00	-	-
Exchange Network Services, Inc.	Cleveland, OH	216-615-9400	en.com	UUNET/AGIS	7.720	650	Yes	No	\$20.00	-	-	-	-
Gateway to Internet Services	Cuyahoga Falls, OH	216-656-5511	gwis.com	MCI	1.544	180	Yes	Yes	\$20.00	-	-	-	-
Infinity Online, Inc.	Sharon, PA	412-342-2130	infoline.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
LIGHTSTREAM INTERNET INC	Mentor, OH	216-269-2352	lightstream.net	CWIX/CRL/GoodNet	13.088	279	Yes	Yes	\$20.00	300	\$0.50	20.00	x2/Rock56flex
NetLink Services, Inc.	Twinsburg, OH	216-468-5100	nls.net	ANS/Sprint	3.088	106	Yes	Yes	\$18.95	-	-	-	-
NEW AGE CONSULTING SERVICE	Cleveland, OH	216-619-2000	nacs.net	MCI/UUNET	45.000	212	Yes	Yes	\$15.00	350	-	25.00	LucK56flex
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-	-	18.95	x2
PC-OHIO Inc	Cleveland, OH	216-291-3307	pcohio.com	ANS	1.544	50	No	No	\$12.95	-	-	-	-
Pantek Internet Services	Chagrin Falls, OH	216-543-7873	pantek.com	MCI	1.544	25	Yes	No	\$20.00	-	-	-	-
PATHWAY INTERNET!	Grove City, PA	412-458-7900	pathway.net	UUNET	1.544	156	Yes	No	\$19.95	-	-	19.95	x2
STRATOS INTERNET GROUP, INC.	Cleveland, OH	216-902-4330	stratos.net	ANS	10.000	2944	Yes	Yes	\$9.95	-	-	9.95	Rock56flex/LucK56flex

334 Area Code ♦ ALABAMA

AlaNet Internet Services Inc	Dothan, AL	334-702-2949	ala.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
AlaWeb Internet Services	Andalusia, AL	334-222-0559	alaweb.com	MCI	1.544	120	No	No	\$19.95	-	-	-	-
DIBBS INTERNET SERVICES	Mobile, AL	334-661-6349	dibbs.net	MCI/BBN	3.088	260	No	No	\$19.95	-	-	19.95	x2
Dixienet, Inc.	Jackson, AL	334-246-6900	dixienet.com	DataXchange	0.099	9999	No	No	\$30.00	-	-	-	-
Gulf Telephone Co	Foley, AL	334-952-5388	gulftel.com	UUNET	3.088	144	Yes	No	\$19.95	300	\$1.00	-	-
Mobile Area Free-Net Inc	Mobile, AL	334-405-4600	maf.mobile.al.us	UUNET	1.544	32	No	Yes	\$19.95	-	-	-	-
Mobile Internet Services	Mobile, AL	334-433-3418	mobis.com	AGIS	1.544	30	Yes	No	\$15.95	-	-	-	-
PC-Net	Troy, AL	334-807-0954	p-c-net.net	MCI	0.099	9999	No	No	\$39.95	-	-	-	-
Pro-Nets, LLC	Montgomery, AL	334-271-0571	mnw.net	MCI	0.099	9999	No	Yes	\$22.00	-	-	-	-
Snow Hill Network Services	Ozark, AL	334-774-3218	snowhill.com	MCI	1.544	216	Yes	No	\$19.95	-	-	-	-
WSNetworkx, Inc.	Montgomery, AL	334-263-5505	wsnet.com	AGIS	45.000	108	No	Yes	\$19.95	-	-	-	-
Worldnet Communications	Montgomery, AL	334-263-3275	wrldnet.net	BBN	0.099	9999	Yes	Yes	\$22.50	-	-	-	-
ZEBRA.NET, INC.	Mobile, AL	334-634-1000	zebra.net	Sprint	1.544	519	Yes	Yes	\$16.95	-	-	17.95	x2
Advertising Internet Inc	Pensacola, FL	904-476-3527	pensacola.com	MCI	0.099	9999	No	No	\$19.95	60	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
CYBERTRON INC	Meridian, MS	601-693-2697	cybertron.com	MCI	3.088	227	Yes	Yes	\$19.95	-	-	29.95	x2
Datasync Inc	Ocean Springs, MS	601-872-0001	datasync.com	MCI	3.088	237	Yes	Yes	\$14.95	30	\$0.75	-	-
db Technology	Cottondale, AL	205-556-9020	dbtech.net	Sprint/MCI/AGIS	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Georgia Network Access	Columbus, GA	706-326-0333	gnat.net	MCI	0.099	9999	No	No	\$19.50	-	-	-	-
Gulf Coast Internet	Pensacola, FL	904-438-5700	gulf.net	Sprint/UUNET	3.088	477	Yes	Yes	\$20.00	-	-	-	-
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	-
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
Internet CSRA	Augusta, GA	706-724-1509	csra.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Internet Pathway	Quitman, MS	601-776-3355	netpathway.com	MCI	1.544	26	Yes	No	\$19.95	240	\$5.00	-	-
L&W Communications	Century, FL	904-256-3020	lwcomm.com	BBN	0.056	30	No	No	\$20.00	-	-	-	-
LightSpeed Data Links Inc	Columbus, GA	706-321-1261	ldl.net	CRL	1.544	138	Yes	Yes	\$19.95	-	-	-	-
SIS Online! Inc	Birmingham, AL	205-995-9150	.sisonline.com	Sprint	1.544	32	No	No	\$19.95	-	-	-	-
TECH-COMM Inc	Birmingham, AL	205-250-8053	tech-comm.com	Sprint	1.544	1200	No	Yes	\$19.95	-	-	-	-
Traveller Information Services	Huntsville, AL	205-883-4233	traveller.com	MCI	0.099	9999	Yes	Yes	\$17.95	60	\$0.95	-	-

352 Area Code ♦ FLORIDA

Coast To Coast Computers	Crystal River, FL	352-564-0406	sunco.com	Sprint	1.544	48	No	No	\$20.00	-	-	-	-
CRAIG'S DATA EXCHANGE!	Mount Dora, FL	352-735-2331	cde.com	Sprint	1.544	152	Yes	Yes	\$20.00	-	-	20.00	RocK56flex
Crystal Wind Communications Inc	Crystal River, FL	352-563-5822	xtalwind.net	Sprint	1.024	90	Yes	No	\$25.00	250	\$1.00	-	-
Digi-Net Technologies	Gainesville, FL	352-373-2253	digi-net.com	UUNET	0.099	9999	No	No	\$24.95	-	-	-	-
Digital Access	Keystone Heights, FL	352-473-2430	daccess.net	Sprint/MCI	3.088	45	Yes	No	\$19.95	-	-	-	-
Dragon Keep International	Gainesville, FL	352-372-0735	dkeep.com	MCI	1.544	40	No	No	\$19.95	-	-	-	-
Florida digital Turnpike	Gainesville, FL	352-372-5100	fdt.net	UUNET/Sprint	3.088	160	Yes	Yes	\$19.95	-	-	-	-
GAINESVILLE DIRECT NET, INC.	Gainesville, FL	352-371-8401	gdn.net	MCI/UUNET	3.088	1015	No	Yes	\$10.00	-	-	50.00	x2
Internet Connect Co., Inc.	Gainesville, FL	352-375-2912	atlantic.net	Sprint/MCI	3.088	300	Yes	Yes	\$19.95	-	-	-	-
INTERNETICA COMMUNICATIONS	Gainesville, FL	352-336-9979	inetica.com	MCI	1.544	104	No	Yes	\$18.00	-	-	40.00	RocK56flex
Internetworks International Inc	Gainesville, FL	352-378-1902	inetw.net	Sprint	0.099	9999	No	Yes	\$15.00	500	\$1.00	-	-
LAKE COUNTY INTERNET	Mount Dora, FL	352-383-7399	lcia.com	Sprint	3.088	184	Yes	Yes	\$16.95	-	-	19.95	x2
Mercury Communications	Newberry, FL	352-332-1300	mercury.net	Sprint	1.544	111	Yes	No	\$17.95	-	-	-	-
Montego Bay Online Service	Inverness, FL	352-860-1830	montego.com	ANS	0.099	9999	No	No	\$25.00	-	-	-	-
Praxis Information Group Inc	Ocala, FL	352-694-4964	pig.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Tingley Network Services Corp	San Antonio, FL	352-588-2250	tingley.net	Sprint	1.544	23	No	No	\$29.95	60	\$2.00	-	-
VectorNet	Gainesville, FL	352-375-8658	vector.net	UUNET	1.544	54	No	No	\$20.00	-	-	-	-
BitStorm, Inc.	Debarry, FL	407-668-0670	bitstorm.net	MCI	1.544	96	Yes	No	\$18.00	-	-	-	-
Coleman Technologies Inc	Orlando, FL	407-481-8600	ctinet.net	Sprint	0.099	9999	No	Yes	\$18.00	160	\$1.00	-	-
Compu-Link Data Services	Orlando, FL	407-856-0771	cul.com	Sprint	1.544	60	No	No	\$17.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
352 Area Code ♦ FLORIDA													
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
Florida Network Solutions Inc	Gainesville, FL	904-375-8322	fns.net	MCI	0.099	9999	No	No	\$9.95	10	\$1.00	-	-
Internet Access Group Inc	Altamonte Springs, FL	407-786-1145	iag.net	Sprint	13.088	708	Yes	Yes	\$19.95	-	-	-	-
Internet Media Services	Hudson, FL	813-869-6779	imsweb.net	UUNET	0.099	9999	No	Yes	\$22.00	99	-	-	-
Internet Network Corp	Port Richey, FL	813-842-4444	innet.com	UUNET/ANS	0.099	9999	No	No	\$20.00	80	\$1.00	-	-
iThink, Imaginative Thinking	Winter Haven, FL	941-299-6372	ithink.com	MCI/Sprint	4.632	-	Yes	No	-	-	-	-	-
Jamaica Online	Kingston, JA	809-978-2490	jol.com.jm	Sprint/UUNET	45.000	15	No	No	\$20.00	-	-	-	-
MagicNet, Inc.	Orlando, FL	407-657-2202	magicnet.net	Sprint	45.000	546	Yes	Yes	\$20.00	99	\$1.00	-	-
NetPassage Inc	Orlando, FL	407-843-7277	netpass.com	MCI	15.400	120	Yes	No	\$19.95	-	-	-	-
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Sundial Internet Services	Orlando, FL	407-438-6710	sundial.net	Sprint	1.544	113	Yes	No	\$18.95	-	-	-	-

360 Area Code ♦ WASHINGTON

Bandwagon Internet	Keyport, WA	360-613-4098	bandwagon.net	Sprint	3.044	70	Yes	Yes	\$15.00	-	-	-	-
CCO Inc	Lacey, WA	360-705-2299	cco.net	UUNET	0.099	9999	Yes	Yes	\$22.00	-	-	-	-
Computer Innovations Online	Mount Vernon, WA	360-336-1592	cio.net	Sprint	1.544	36	No	No	\$22.00	-	-	-	-
Connect Northwest Internet Svcs	Bellevue, WA	360-466-1140	cnw.com	MCI/UUNET	3.088	282	Yes	Yes	\$20.00	-	-	-	-
Daka CompTel	Port Townsend, WA	360-379-9865	daka.com	Sprint	0.099	9999	No	No	\$22.00	-	-	-	-
E-Z Net	Vancouver, WA	360-260-1122	e-z.net	MCI	1.544	150	No	No	\$9.95	30	\$0.45	-	-
Emry Communications	Port Orchard, WA	360-769-8060	emry.net	Sprint	0.128	15	No	No	\$19.95	120	\$0.95	-	-
FIDALGO NETWORKING	Mount Vernon, WA	360-428-3720	fidalgo.net	AGIS	1.544	276	No	Yes	\$20.00	250	\$1.50	20.00	RocK56flex
GreatNorthern Remote Access Co	Lakewood, WA	360-652-4774	greatnorthern.net	Sprint	0.099	9999	No	No	\$10.00	30	-	-	-
Hash, Inc	Vancouver, WA	360-750-0042	hash.com	MCI	1.544	10	No	No	\$20.00	-	-	-	-
Hood Canal Telephone Co	Union, WA	360-898-2481	hctc.com	Sprint	0.099	9999	No	No	\$19.00	-	-	-	-
Horizon & A to Z Networking	Bellingham, WA	360-733-7373	az.com	Sprint	0.099	9999	No	No	\$25.95	100	-	-	-
ISN CORP	Kelso, WA	360-578-1906	cport.com	UUNET	1.544	248	Yes	No	\$20.00	500	\$10.00	70.00	x2
Interlink Network Group Inc	Salkum, WA	360-985-2574	i-link-2.net	Sprint/MCI/UUNET	13.088	999991500	Yes	No	\$25.00	99999	-	-	-
JupiterCity.com, corp.	Quilcene, WA	360-765-5001	jupitercity.com	Sprint	0.816	24	No	No	\$24.95	250	\$1.00	-	-
Local Access Internet Services	Centralia, WA	360-330-5535	localaccess.com	BBN	0.099	9999	No	No	\$25.00	-	-	-	-
Mashell Net	Eatonville, WA	360-832-4634	mashell.com	MCI	1.544	26	No	No	\$20.00	60	\$1.95	-	-
MEME INC	Bellingham, WA	360-738-9500	memes.com	Sprint	1.544	16	No	No	\$15.00	10	-	29.00	x2
Network Access Services Inc	Bellingham, WA	360-733-9279	nas.com	Sprint	0.099	9999	Yes	Yes	\$20.00	20	\$1.00	-	-
Olympia Networking Services	Olympia, WA	360-753-3636	olywa.net	Sprint	1.544	174	Yes	No	\$25.00	-	-	-	-
Online One	Battle Ground, WA	360-696-1003	aone.com	Sprint	0.099	9999	Yes	No	\$20.00	120	\$1.00	-	-
Orion Digital Systems	Vancouver, WA	360-690-0803	orionsys.com	DataXchange	3.088	20	No	No	\$15.00	120	\$0.50	-	-
ORIONCOM	Oak Harbor, WA	360-679-6912	galaxynet.com	Sprint	1.544	110	No	No	\$16.95	-	-	19.95	x2
Pacific Rim Network Inc	Bellingham, WA	360-650-0442	pacificrim.net	Sprint/MCI/UUNET/AGIS	45.000	5750	Yes	Yes	\$12.95	-	-	-	-
PACIFIER COMPUTERS	Vancouver, WA	360-254-3886	pacifier.com	MAE West	3.088	668	Yes	Yes	\$19.95	-	-	19.95	x2
Paclink Internet Service	Vancouver, WA	360-896-8402	paclink.com	Sprint	1.544	40	Yes	No	\$15.00	60	\$0.50	-	-
Premier1 Internet Services, Inc.	Sultan, WA	360-793-3658	premier1.net	Sprint	1.544	218	Yes	Yes	\$24.00	-	-	-	-
Scatter Creek InfoNet	Kalama, WA	360-673-2975	kalama.com	MCI	0.099	9999	Yes	No	\$23.50	90	\$1.00	-	-
Silverlink	Silverdale, WA	360-692-0651	silverlink.net	Sprint	0.099	9999	No	No	\$25.00	360	\$1.25	-	-
Sinclair Communications Inc	Port Orchard, WA	360-377-5155	sincom.com	AGIS	1.544	52	No	No	\$19.95	120	\$1.00	-	-
Sound Communications	Bremerton, WA	360-698-6421	soundcom.net	CIX	3.088	54	Yes	Yes	\$22.95	-	-	-	-
Supernal Technologies, Inc.	Sedro Woolley, WA	360-856-5528	supernal.net	Sprint/MCI	45.000	24	No	No	\$20.00	-	-	-	-
T.H.I.S. Computer Solution, Inc.	Vancouver, WA	360-696-9453	this.com	MCI	1.544	-	Yes	No	-	-	-	-	-
TSCNet	Silverdale, WA	360-613-0708	tscnet.com	Sprint	1.544	96	No	No	\$25.00	-	-	25.00	-
Techline	Aberdeen, WA	360-533-0343	techline.com	MCI	1.544	150	No	No	\$20.00	100	\$0.50	-	-
Telebyte NW	Silverdale, WA	360-613-5220	telebyte.com	Sprint	1.544	100	Yes	No	\$25.00	-	-	-	-

TEN FORWARD COMMUNICATIONS	Port Angeles, WA	360-457-9023	tenforward.com	Sprint	1.544	124	No	No	\$19.95			29.95		x2
Toledo Telenet	Toledo, WA	360-864-2026	toledotel.com	Sprint	0.099	9999	No	No	\$19.95	120	\$2.00			-
TOWNSEND COMMUNICATIONS	Port Townsend, WA	360-385-0464	olympus.net	Sprint	0.099	9999	Yes	Yes	\$25.00	100	\$0.75	25.00		LucK56flex
Tx3 Online Services	Enumclaw, WA	360-825-7225	tx3.com	UUNET	1.544	24	No	Yes	\$20.00					-
WLN (Western Library Network)	Lacey, WA	360-923-4000	wln.com	MCI/Sprint	3.088	60	Yes	No	\$20.00	40	\$1.00			-
Webolution	Bremerton, WA	360-307-0726	web-o.net	UUNET	0.512	34	No	Yes	\$20.00					-
Westsound Communications Inc	Shelton, WA	360-427-0227	westsound.com	UUNET	1.544	10004	No	Yes	\$19.95					-
WhidbeyNET	Langley, WA	360-321-1111	whidbey.net	Sprint/UUNET	4.632	900	Yes	Yes	\$21.50	200	\$2.00			-
World Access Network Inc	La Center, WA	360-263-8000	worldaccess.com	UUNET	0.099	9999	No	No	\$25.00	60	\$1.00			-
2alpha	Bellevue, WA	206-746-4140	2alpha.com	UUNET/Sprint/MCI/AGIS	10.632	-	Yes	No						-
A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00			30.00		RockK56flex
AUSNet Services	Portland, OR	503-242-1400	us.world.net	Sprint/MCI	3.088	48	Yes	Yes						-
AccessOne LLC	Kirkland, WA	206-814-9100	accessone.com	UUNET/MAE West	45.000	900	No	Yes	\$20.00	60	\$0.50			-
Adcom System	Seattle, WA	206-524-6828	adcomsys.net	UUNET	1.544	30	Yes	Yes	\$19.95					-
Alternate Access Inc	Seattle, WA	206-777-8888	aa.net	UUNET	10.000	420	Yes	Yes	\$20.00					-
Blue Mountain Internet	Walla Walla, WA	509-522-5006	bmi.net	MCI	4.632	350	Yes	No	\$19.95					-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00					-
CITYLINQ NET SERVICES	Bellevue, WA	206-718-3333	citylinq.com	UUNET/MCI/Sprint	45.000	426	Yes	Yes	\$20.00			20.00		x2
Compass Communications	Seattle, WA	206-812-1500	ccom.net	UUNET	45.000	-	Yes	No						-
Compumedia Inc	Seattle, WA	206-623-8065	compumedia.com	Sprint	0.099	9999	No	No	\$19.95					-
ConNet80	Portland, OR	503-243-6723	connet80.com	MAE East	0.099	9999	No	No	\$19.95					-
Cortland Electronics Corp	Seattle, WA	206-217-0158	cortland.com	UUNET/AGIS	0.099	9999	No	Yes	\$19.95					-
Eskimo North Inc	Seattle, WA	206-361-1161	eskimo.com	Sprint	1.544	240	Yes	No	\$24.00	200				-
Everett Networking	Everett, WA	206-337-1100	everett.net	MCI	3.088	121	Yes	Yes	\$25.00					-
fine.com Connect	Seattle, WA	206-292-2888	fine.com	AGIS	1.544	-	Yes	No						-
Grand Designs Ltd	Everett, WA	206-710-9006	conflux.net	Sprint	1.544	92	Yes	Yes						-
ISOMEDIA Inc	Redmond, WA	206-881-8769	isomedia.com	UUNET	1.544	170	No	Yes	\$19.95					-
Imagina Inc	Portland, OR	503-224-8522	imagina.com	MCI	3.088	87	Yes	No	\$25.00	120	\$2.00	15.00		-
Infoconex	Seattle, WA	206-439-7681	infoconex.com	Sprint/MCI	3.088	17	Yes	Yes	\$16.95					-
Infonet Communications Inc	Fresno, CA	209-446-2360	icinet.net	UUNET	0.099	9999	No	Yes	\$24.95	200	\$1.00			-
InterBytes Corp	Portland, OR	503-224-2169	bytes.net	MCI/UUNET	0.099	9999	Yes	No	\$30.00	60	\$1.00			-
Interconnected Associates	Seattle, WA	206-622-7337	ixa.net	UUNET/MCI/Sprint/AGIS	18.264	-	Yes	No						-
Internet Central	Seattle, WA	206-720-9892	oo.net	UUNET/MCI/Sprint	0.099	9999	Yes	Yes	\$30.00					-
INTERNET PARTNERS INC	Hillsboro, OR	503-690-2700	ipinc.net	MCI	3.088	163	Yes	No	\$19.95	200		19.95		x2
LightRealm Communications, Inc.	Kirkland, WA	206-827-0900	lightrealm.com	Sprint/MCI	45.000	-	Yes	No						-
Media Warehouse O/L	Snohomish, WA	206-621-5376	mediawhse.com	Sprint	1.544	26	No	No	\$10.00	35	\$0.25			-
N2H2 Bess INC	Seattle, WA	206-971-1400	bess.net	UUNET	1.544	9999	No	No	\$24.95	100	\$0.99			-
NET-ONE	Kirkland, WA	206-747-7777	net-one.net	Sprint	0.099	9999	No	Yes	\$24.95					-
NW RAINet Inc	Tacoma, WA	206-566-6800	nwrain.com	MCI	0.099	9999	Yes	No	\$20.00	40	\$1.50			-
Network 13	Portland, OR	503-295-0680	network13.net	MCI	6.500	500	Yes	No	\$25.00					-
Network O.S. Inc	Woodinville, WA	206-486-2372	netos.com	Sprint	0.099	9999	No	Yes	\$19.95	40				-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00					-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No						-
NORTHWEST LINK	Bellevue, WA	206-451-1151	nwlink.com	MCI/UUNET	9.264	1133	Yes	Yes	\$15.00	10	\$2.00	30.00		x2
Northwest Nexus Inc	Bellevue, WA	206-455-3505	nwnexus.com	UUNET/Sprint/MCI	10.808	692	Yes	Yes	\$30.00					-
PCD NETWORKS	Federal Way, WA	206-839-4620	pcd.net	Sprint	0.099	9999	Yes	Yes	\$17.50					-
PROSTAR PLUS INTERNET	Federal Way, WA	206-941-8895	prostar.com	Sprint	45.000	780	No	No	\$9.95			9.95		RockK56flex/LucK56flex
Protec Ineternet Services	Everett, WA	206-339-2001	protec.com	Sprint	0.099	9999	No	No	\$16.50					-
Puget Sound ACCESS	Anacortes, WA	206-741-0850	pstbbs.com	CIX	1.544	70	No	Yes	\$19.95					-
Rainet Inc	Portland, OR	503-227-5665	rain.net	Sprint/MCI	39.632	43	Yes	Yes	\$20.00	10	\$1.00			-
STC INTERNET SERVICES/WASH.	Lynnwood, WA	206-670-0936	stnetcom.com	MCI	1.544	303	Yes	Yes	\$9.95			9.95		x2
SeaPort Communications	Portland, OR	503-827-3005	seaport.net		1.544	48	Yes	Yes	\$19.95					-
Sense Networking Seattle	Seattle, WA	206-989-6698	oz.net	Sprint/MCI	11.544	365	Yes	Yes	\$20.00					-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No				25.00		LucK56flex
TCM & Associates Inc	Federal Way, WA	206-835-0330	tcnnet.com	Sprint	1.544	12	No	Yes	\$19.95					-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
360 Area Code ♦ WASHINGTON													
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
Teleport Internet Services	Portland, OR	503-223-0076	teleport.com	Sprint/MCI	6.176	1600	No	No	\$21.00	120	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-
Transport Logic	Portland, OR	503-243-1940	transport.com	Sprint/MCI/UUNET/MAE East	0.099	9999	Yes	Yes	\$15.00	40	\$1.00	-	-
Triax Internet Services	Portland, OR	503-598-8634	triax.com	MCI	1.544	288	No	No	\$19.95	-	-	-	-
WORLDLINK, Inc.	Seattle, WA	206-361-8785	w-link.net	MCI	1.544	100	No	No	\$16.00	-	-	-	-
WASHINGTON INTERNET SRVS.	Tacoma, WA	206-926-2552	wa.net	Sprint/MCI	3.088	345	Yes	Yes	\$20.00	-	-	20.00	x2
Worldport Online	Seattle, WA	206-523-7916	wport.com	UUNET	1.544	168	No	No	\$14.95	-	-	-	-

401 Area Code ♦ RHODE ISLAND

BX.COM, Inc.	Providence, RI	401-861-0081	bx.net	MCI	1.544	-	Yes	No	-	-	-	-	-
Base Communications Office	Newport, RI	401-841-7201	ntcc.net	MCI/BBN	3.088	-	Yes	No	-	-	-	-	-
BusinessOn Corporation Inc	Providence, RI	401-521-2111	businesson.com	MCI	1.544	30	Yes	Yes	\$15.00	30	\$0.25	-	-
brainiac services Inc	Greene, RI	401-539-9050	brainiac.com	BBN	1.544	46	Yes	Yes	\$16.00	50	\$0.60	-	-
EDGENET	Westerly, RI	401-348-6000	edgenet.net	BBN	45.000	826	Yes	Yes	\$18.95	-	-	18.95	RocK56flex/LucK56flex
IDS World Network	East Greenwich, RI	401-885-4437	ids.net	Sprint/MCI	3.088	2	Yes	Yes	\$19.95	100	\$1.00	-	-
INTAP, LLC	Providence, RI	401-276-4700	intap.net	MCI	1.544	600	Yes	Yes	\$19.95	-	-	-	-
JPS Online Systems	Westerly, RI	401-596-7341	ricconnect.com	BBN	1.544	52	No	Yes	\$9.95	15	\$1.00	-	-
Log On America	Providence, RI	401-453-6100	loa.com	MCI	0.099	9999	No	Yes	\$19.99	125	\$1.00	-	-
NetSense Internet Solutions	Wakefield, RI	401-789-2700	netsense.net	Sprint	0.384	1009	No	Yes	\$25.00	-	-	-	-
Tyrconnell Computer Services, Inc.	Portsmouth, RI	401-848-2276	bbsnet.com	Sprint	1.544	84	No	No	\$4.17	30	\$0.25	-	-
Virtual Media Technologies	Providence, RI	401-456-0500	virtualmedia.net	Sprint	1.544	-	Yes	No	-	-	-	-	-
Web Services International Inc	Middletown, RI	401-845-8800	wsii.com	UUNET	3.088	305	No	Yes	\$19.95	-	-	-	-
Complete Internet Access Inc	Cambridge, MA	617-225-4100	thecia.net	MCI/CWIX	20.000	7000	Yes	Yes	\$18.95	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
HARVARDNET	Boston, MA	617-531-2001	harvard.net	UUNET	45.000	72	Yes	No	-	-	-	35.00	x2
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
MEGANET COMMUNICATIONS	Fall River, MA	508-646-0030	meganet.net	MCI	1.544	96	Yes	No	\$25.00	200	\$2.50	25.00	RocK56flex
NORTH AMERICAN INTERNET	Newington, CT	860-953-4638	nai.net	MCI	6.176	1744	Yes	No	\$17.95	-	-	17.95	x2
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
Satum Internet Corp	Johnston, RI	617-451-9121	saturn.net	AGIS	0.099	9999	No	No	\$19.95	50	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-
The Internet Connection Inc	Mansfield, MA	508-261-0383	ici.net	Sprint/MCI	0.099	9999	Yes	No	\$19.95	100	\$0.50	-	-
Ultraneet Communications Inc	Marlborough, MA	508-229-8400	ultranet.com	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-
WorldNET	Norwood, MA	617-551-9977	wn.net	CWIX/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-

402 Area Code ♦ NEBRASKA

Aliant Communications	Lincoln, NE	402-436-4959	navix.net	Sprint	45.000	800	No	No	\$17.50	40	\$3.00	-	-
BIGO.NET	Omaha, NE	402-344-4900	bigo.net	DIGEX	7.720	502	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex
BINARY NET	Lincoln, NE	402-484-5211	binary.net	BBN/Sprint	3.088	138	Yes	No	\$19.95	-	-	24.95	x2
Community Internet Systems	Columbus, NE	402-649-8362	megavision.com	MCI	1.544	80	No	No	\$15.00	40	\$1.00	-	-
Hawg Wild! BBS	Lavista, NE	402-593-8527	hawgwild.com	Sprint	0.128	10	No	No	\$6.00	10	\$0.50	-	-
HunTel Internet Services	Blair, NE	402-533-1000	huntel.net	Sprint	1.544	29	Yes	No	\$19.95	40	\$4.20	-	-
INTERNET NEBRASKA	Lincoln, NE	402-434-8680	inetnebr.com	Sprint	3.088	273	Yes	No	\$20.00	-	-	25.00	LucK56flex
ispi of Lincoln Inc	Lincoln, NE	402-441-3292	ispi.net	CRL	1.544	25	No	No	\$25.00	240	\$0.75	-	-

MITEC INTERNET ACCESS	Omaha, NE	402-330-9295	mitec.net	MCI	1.544	110	No	Yes	\$16.95			29.95	x2/RocK56flex
NCF Communications	Norfolk, NE	402-371-6897	ncfcomm.com	MCI	1.544	30	Yes	No	\$9.95	10	\$0.40	-	-
Nebraska On-Ramp	Bellevue, NE	402-291-9090	neonramp.com	Sprint	1.544	80	No	No	\$12.00	60	-	-	-
Northeast Nebraska ComNet	Bloomfield, NE	402-373-4603	bloomnet.com	MCI/Sprint	3.088	45	No	No	\$19.95	-	-	-	-
NOVIA INTERNET WORKING	Omaha, NE	402-391-4005	novia.net	Sprint/MCI	3.088	400	Yes	Yes	\$9.95	20	\$1.00	9.95	x2
Omaha Free-net	Omaha, NE	402-554-3400	omahafreenet.org	Sprint	0.099	9999	No	No	\$5.00	-	-	-	-
Papillion Public Library	Papillion, NE	402-597-2050	papillion.ne.us	Sprint	1.544	18	No	No	\$5.00	4	-	-	-
ProLinX Communications Inc	Omaha, NE	402-341-2810	nfinity.com	MCI	1.544	120	Yes	Yes	\$16.67	-	-	-	-
Probe Technology Internet Services	Omaha, NE	402-593-9800	probe.net	MCI	1.544	192	Yes	No	\$19.95	-	-	-	-
RADIKS INTERNET ACCESS	Omaha, NE	402-346-4026	radiks.net	MCI	3.088	304	Yes	No	\$19.95			29.95	x2
Synergy Communications	Omaha, NE	402-346-4638	synergy.net	MCI	0.099	9999	No	Yes	\$19.95	40	\$1.20	-	-
The Online Pitstop	Bellevue, NE	402-291-1542	top.net	Sprint/DIGEX	3.088	222	Yes	Yes	\$7.50	40	\$0.14	-	-
WEBCO.NET, INC.	Omaha, NE	402-894-4930	webco.net	MCI	1.544	260	No	No	\$19.95			24.95	x2
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50		
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-
Interactive Satellite Internet Svcs	Rigby, ID	208-745-8552	axcess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5	\$0.40	-	-
LightSpeed Internet, LLC	Kearney, NE	308-234-6413	digitalis.net	DataXchange	3.088	35	Yes	No	\$9.95	-	-	-	-
LoperNet Inc	Kearney, NE	308-236-5716	lopernet.net	Sprint/MCI	3.088	96	No	Yes	\$14.95	-	-	-	-
Pioneer Internet	Sergeant Bluff, IA	712-271-0101	pionet.net	MCI	4.632	300	Yes	No	\$22.95	-	-	-	-
SmartNet Internet Services	Saint Joseph, MO	816-233-4944	smartnet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
The Raccoon River Net Works	Des Moines, IA	515-282-9190	raccoon.com	MAE West	3.088	24	Yes	No	\$25.00	-	-	-	-
Tstech.com	Sioux City, IA	712-255-1775	tstech.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-

403 Area Code ♦ ALBERTA

ACE COMMUNICATIONS	Red Deer, AB	403-309-2601	excal.net	iSTAR	1.544	128	No	Yes	\$10.00	15	\$1.50	20.00	RocK56flex
Alberta SuperNet	Edmonton, AB	403-441-3663	supernet.ab.ca	MCI	0.099	9999	No	No	\$29.95	100	\$2.00	-	-
ALPHA COMMUNICATIONS LTD	Calgary, AB	403-230-5678	alphacom.com	Sprint	1.544	128	No	Yes	\$30.00	60	\$2.00	55.00	x2
CYBERStream Inc	Calgary, AB	403-244-0269	cyberstream.net	MCI	10.000	20	Yes	Yes	\$200.00	-	-	-	-
Calgary On-Line Inc.	Calgary, AB	403-777-4357	col.ca	iSTAR	1.544	1000	No	No	\$15.95	180	\$0.25	-	-
Canadian Webmaster Inc	Calgary, AB	403-974-1490	canadianwebmaster.com	iSTAR	0.128	32	No	No	\$19.95	6	\$2.00	-	-
COFFEE WERKS INC	Wetaskiwin, AB	403-361-2338	coffeewerks.com	iSTAR	45.000	20	No	No	\$20.00			30.00	x2
Comfo Access Info Network Canada	Calgary, AB	403-243-7555	comfo.ca	iSTAR	0.099	9999	Yes	Yes	\$15.95	-	-	-	-
COMPUSMART/SMARTNET	Edmonton, AB	403-429-4388	compusmart.com	MCI	10.000	1788	Yes	Yes	\$26.95			26.95	x2
Cyber City Interactive Net Services	Spruce Grove, AB	403-960-9262	nnet.net	iSTAR	10.128	48	Yes	No	\$30.00	45	\$0.75	-	-
CyberWAVE Technologies Inc	Calgary, AB	403-571-5580	cwave.com	MCI	0.099	9999	No	Yes	\$12.00	240	-	-	-
Cybersurf Information Access	Calgary, AB	403-777-2000	cia.com	Sprint	0.099	9999	Yes	Yes	\$16.60	21	\$0.80	-	-
Edmonton FreeNet	Edmonton, AB	403-421-1745	freenet.edmonton.ab.ca	MCI	1.544	14	No	No	\$6.25	20	-	-	-
Hearthstone Consulting	Edmonton, AB	403-944-6941	tic.ab.ca	MCI	0.128	14	No	No	\$15.00	15	\$1.00	-	-
InterNode Networks Inc	Calgary, AB	403-296-1190	internode.net	MCI	10.000	34	Yes	Yes	\$20.00	60	\$0.50	-	-
Interact Enterprises	Calgary, AB	403-275-1773	therockies.com	MCI	0.099	9999	No	Yes	\$24.95	168	-	-	-
Internet North	Yellow Knife, NT	403-873-2252	intemorth.com	MCI	0.099	9999	No	No	\$20.00	20	\$2.50	-	-
INTERNET YUKON INC.	Whitehorse, YT	403-668-7214	yukon.net	iSTAR/MCI	1.800	144	Yes	No	\$23.95			29.99	x2
Kneehill Internet Services	Acme, AB	403-546-3021	kneehill.com	Sprint	1.544	46	Yes	Yes	\$30.00	-	-	-	-
Lands Systems Ltd	Barrhead, AB	403-674-3711	ls.barrhead.ab.ca	iSTAR	3.088	20	No	No	\$25.00	30	\$1.00	-	-
Lethbridge Internet Services	Lethbridge, AB	403-381-4638	lis.ab.ca	MCI	0.256	48	No	No	\$30.00	90	\$1.00	-	-
Lexicom Ltd.	Calgary, AB	403-255-3615	lexicom.ab.ca	iSTAR	0.099	9999	No	No	\$25.00	-	-	100.00	-
LOGICAL LINK COMMUNICATIONS	Calgary, AB	403-261-2860	logicallink.com	MCI	10.000	480	Yes	Yes	\$35.00			35.00	x2
MEMORY LANE COMPUTERS	Medicine Hat, AB	403-526-2288	memlane.com	MCI	10.000	106	No	No	\$20.00	65	\$0.50	20.00	x2
NetLine 2000	Edmonton, AB	403-990-3244	nl2k.ab.ca	iSTAR	45.000	25	No	No	\$26.95	90	-	-	-
Netway InterNetworking Technologies	Calgary, AB	403-250-5462	netway.ab.ca	Sprint	1.544	70	No	Yes	\$24.95	300	-	-	-
Nite Hawk Information Service	Calgary, AB	403-686-7838	nitehawkis.com	MCI	1.544	20	No	No	\$19.95	-	-	-	-
Nucleus Information Service Inc	Calgary, AB	403-541-9470	nucleus.com	MCI	10.000	250	No	Yes	\$19.95	-	-	-	-
OA Internet Inc	Edmonton, AB	403-430-0811	oanet.com	MCI/MCI	14.632	287	Yes	Yes	\$19.95	40	\$0.75	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
403 Area Code ♦ ALBERTA													
SSI Micro	Yellowknife, NT	403-669-7500	ssimicro.com	MCI	2.000	52	No	No	\$9.95	10	\$1.50	-	-
Softsource Computing Inc	Calgary, AB	403-297-1641	softoptions.com	iSTAR/MCI	10.128	30	No	No	\$30.00	-	-	-	-
Spots Interconnect Inc	Calgary, AB	403-571-7768	spots.ab.ca	iSTAR	1.544	60	No	Yes	\$28.00	200	\$1.00	-	-
Super i-Way Internet Services	Edmonton, AB	403-413-9111	superiway.net	iSTAR	1.544	276	Yes	Yes	\$15.00	315	\$1.00	-	-
T-8000 Information Systems	Calgary, AB	403-686-1169	t8000.com	MCI	3.088	32	Yes	No	\$25.00	140	-	-	-
TDP.NET	Calgary, AB	403-259-6343	tdp.net	iSTAR	0.128	12	No	No	\$16.00	168	-	-	-
TST Consulting	Medicine Hat, AB	403-529-1560	tst-medhat.com	Sprint	1.544	32	No	No	\$30.00	-	-	-	-
TeQ Works Inc	Athabasca, AB	403-675-5155	rrt.com	Sprint	1.544	16	No	No	\$30.00	100	\$1.00	-	-
Telnet Canada Enterprises	Calgary, AB	403-262-5859	tsel.com	Sprint	0.099	9999	Yes	Yes	\$29.95	40	\$2.50	-	-
Terranet	Grande Prairie, AB	403-539-6972	terranet.ab.ca	iSTAR	0.128	41	No	Yes	\$35.00	50	\$0.75	-	-
The Internet Centre	Edmonton, AB	403-450-6787	incentre.net	iSTAR	1.544	262	No	Yes	\$30.00	90	\$1.00	-	-
Universal Software Inc	Calgary, AB	403-569-1152	nexes.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Web Sight Inc.	Calgary, AB	403-283-1237	websight.ab.ca	iSTAR	1.544	40	No	No	\$19.95	90	\$1.50	-	-
WestLink Internet	Calgary, AB	403-289-8742	westlink.net	iSTAR	0.128	30	No	No	\$27.50	-	-	-	-
WORLDGATE INC	Edmonton, AB	403-413-1910	worldgate.com	MCI/Sprint	11.544	324	Yes	Yes	\$26.95	-	-	26.95	LucK56flex
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
HookUp Communications	Kelowna, BC	604-763-1176	awinc.com	MCI	0.099	9999	No	No	\$9.95	5	\$3.00	-	-
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-
404 Area Code ♦ GEORGIA													
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
FTL	Stone Mountain, GA	404-292-5560	lightspeed.com	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Information Architecture	Atlanta, GA	404-816-8806	iarc.net	BBN/MCI	0.099	9999	No	Yes	-	-	-	-	-
Internet Atlanta	Atlanta, GA	404-898-2500	atlanta.com	MAE East/MAE West	45.000	372	Yes	Yes	\$9.95	20	\$1.00	-	-
Lambda.Net	Atlanta, GA	404-248-9191	lambda.net	Sprint	0.099	9999	No	Yes	\$30.00	-	-	-	-
Lyceum Internet	Atlanta, GA	404-248-1733	lyceum.com	UUNET	1.544	30	Yes	Yes	\$1.00	1	\$1.00	-	-
NetRail, Inc	Atlanta, GA	404-522-5400	netrail.net	Netrail	0.099	9999	Yes	Yes	\$19.95	6	\$0.50	-	-
Abraxis Networks Inc	Duluth, GA	770-495-2464	abraxis.com	MCI	1.544	116	No	Yes	\$18.95	-	-	-	-
America.Net	Alpharetta, GA	770-667-7200	america.net	UUNET/MCI	4.632	300	Yes	Yes	\$19.95	-	-	-	-
Applied Innovations Inc	Gainesville, GA	770-538-0000	applied.net	UUNET	1.544	27	No	No	\$19.95	-	-	-	-
Atl-Connect	Atlanta, GA	770-239-1224	atlcon.net	MCI	0.099	9999	No	No	\$17.00	-	-	-	-
ATLANTA ON-LINE INTERNET INC	Marietta, GA	770-955-3000	atlonline.com	MCI	1.544	78	Yes	Yes	\$17.95	-	-	25.00	x2/RocK56flex
BINARYBUS, LTD.	Roswell, GA	770-645-0901	binarybus.com	Sprint	1.544	196	No	Yes	\$14.95	-	-	14.95	RocK56flex
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
Cyber Connections, Inc.	Lilburn, GA	770-935-0726	cyberatl.net	CWIX	1.544	167	No	Yes	\$17.95	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
DIGITAL SERVICE CONSULTANTS	Atlanta, GA	770-455-9022	dscga.com	BBN/MCI	3.088	184	Yes	Yes	\$18.95	50	\$1.00	24.95	x2
Discovery Communications Inc	Marietta, GA	770-425-5700	discom.net	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
Future Services Inc	Stone Mountain, GA	770-879-7797	atlcom.net	UUNET	1.544	220	No	Yes	\$17.95	-	-	-	-
Georgia Business Net	Augusta, GA	706-823-2115	gabn.net	BBN	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
GROUND ZERO COMMUNICATIONS	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
HKAN ONLINE	Alpharetta, GA	770-663-8091	hkanbbs.com	MCI	3.088	8	No	No	\$5.00	60	-	-	-

HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	-
INDEX Inc	Woodstock, GA	770-924-8667	index.com	MCI	0.099	9999	No	Yes	\$15.00	120	\$1.50	-	-
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
InnerX Communications, Inc.	Cartersville, GA	770-386-0098	innerx.net	MCI/DIGEX	4.632	1027	Yes	No	\$19.95	-	-	-	-
Innovative Access, Inc.	Marietta, GA	770-928-9837	iainc.net	BBN	1.544	24	No	No	\$17.50	-	-	-	-
Interlinks Online	Bogart, GA	770-725-0900	ilinks.net	UUNET	0.099	9999	No	No	\$17.95	-	-	-	-
Internet CSRA	Augusta, GA	706-724-1509	csra.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Internet Gateway Communications	Atlanta, GA	770-429-9599	intergate.net	UUNET	1.544	31	Yes	No	\$24.95	-	-	-	-
Internet Now Inc	Stockbridge, GA	770-389-7200	inethow.net	UUNET	0.099	9999	Yes	Yes	\$19.99	-	-	-	-
Internet Paradise Inc	Atlanta, GA	770-980-0078	paradise.net	MCI	45.000	120	Yes	Yes	\$19.95	-	-	-	-
Internet Providers Of Florida	Miami, FL	305-273-7978	fla.net	UUNET	45.000	492	Yes	Yes	\$12.50	100	-	-	-
INTERNET SOLUTIONS	Gadsden, AL	205-547-6868	internetpro.net	UUNET/MCI	45.000	180	No	Yes	\$19.95	-	-	24.95	x2
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-	-	-	-
Multi-User Systems, Inc.	Duluth, GA	770-368-1514	muscle.net	UUNET	0.640	7	No	No	\$9.95	30	\$1.00	-	-
NATIONAL NETWORK CORP. (NNC)	Norcross, GA	770-935-5900	nnc.net	MCI	1.544	60	No	Yes	\$19.95	-	-	19.95	x2
Navigator Technologies	Norcross, GA	770-447-4911	nav.com	UUNET	0.099	9999	No	Yes	\$19.95	20	\$1.00	-	-
NetDepot Inc	Smyrna, GA	770-434-5595	netdepot.com	Sprint	11.544	113	Yes	Yes	\$25.00	-	-	-	-
NorthEast Georgia Internet Access	Athens, GA	706-546-5787	negia.net	Sprint	1.544	112	Yes	No	\$19.00	-	-	-	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
Radia ISP Systems Inc	Marietta, GA	770-552-6993	radia1.com	CRL	1.544	60	No	No	\$16.95	-	-	-	-
Random Access Inc	Atlanta, GA	770-804-1190	randomc.com	Sprint	1.544	410	No	Yes	\$15.00	-	-	-	-
Solutions Networks/Synergy Online	Smyrna, GA	770-436-5128	synnergy.com	UUNET	1.544	100	No	No	\$14.95	-	-	-	-
Southeastern Internet Services	Snellville, GA	770-978-2221	netime.com	MCI	0.099	9999	No	No	\$16.95	-	-	-	-
TEMPEST NETWORK/LABS	Smyrna, GA	770-319-1741	tempestlabs.net		0.192	5	No	Yes	\$25.00	-	-	25.00	x2
Traveller Information Services	Huntsville, AL	205-883-4233	traveller.com	MCI	0.099	9999	Yes	Yes	\$17.95	60	\$0.95	-	-
USWeb Atlanta	Atlanta, GA	770-451-6675	atlanta.usweb.com	BBN	1.544	-	Yes	No	-	-	-	-	-
VECNET	Norcross, GA	770-300-8990	vec.net	MCI/UUNET	3.088	488	Yes	Yes	\$19.95	-	-	19.95	x2
Vivid.Net	Smyrna, GA	770-933-0999	vivid.net	UUNET	10.000	500	Yes	Yes	\$20.99	-	-	-	-

405 Area Code ♦ OKLAHOMA

Ethos Communications Corp	Oklahoma City, OK	405-232-1687	oklahoma.net	Sprint	0.099	9999	No	Yes	\$14.95	-	-	-	-
FullNet Communications	Oklahoma City, OK	405-232-0958	fullnet.net	MCI	1.544	376	Yes	No	\$29.95	-	-	-	-
HC Interactive Net Services	Oklahoma City, OK	405-949-2748	hotelcal.com	UUNET	0.099	9999	No	No	\$9.95	-	-	-	-
Hometown Internet Services	Shawnee, OK	405-273-3565	besa.com	UUNET	0.128	8	No	No	\$20.00	-	-	-	-
Intellisys Corp	Altus, OK	405-482-6386	intellisys.net	UUNET	1.544	70	No	No	\$24.95	-	-	-	-
InterCon Inc	Oklahoma City, OK	405-236-4266	icon.net	MCI	0.099	9999	No	Yes	\$14.95	60	\$1.00	-	-
InterNet EZ	Guthrie, OK	405-282-6055	ezin.net	Sprint	0.099	9999	Yes	Yes	\$10.00	-	-	-	-
Internet Access Plus	Oklahoma City, OK	405-848-4424	netplus.net	AGIS	0.099	9999	No	No	\$18.50	60	\$1.00	-	-
INTERNET COMPLETE!	Oklahoma City, OK	405-236-4532	icnet.net	Sprint/GoodNet	3.088	513	Yes	Yes	\$14.95	80	\$1.00	19.95	x2
Internet Now Inc.	Midwest City, OK	405-733-2611	inethow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Internet Plus Services	Altus, OK	405-477-9322	intplsrv.net	BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-
IONET	Oklahoma City, OK	405-270-0999	ionet.net	MCI/Sprint/GoodNet/DIGEX	24.664	4047	Yes	Yes	\$18.95	-	-	18.95	x2
KEYSTONE TECHNOLOGY	Oklahoma City, OK	405-848-9902	keytech.com	UUNET	1.544	119	Yes	Yes	\$17.95	-	-	17.95	RockK56flex
LENAPE INFORMATION SYSTEMS	Stillwater, OK	405-372-7704	cowboy.net	MCI	1.544	80	Yes	No	\$30.00	-	-	45.00	x2
Next Step Internet	Midwest City, OK	405-424-8000	nextsteps.com	MCI	0.099	9999	No	No	\$16.95	-	-	-	-
PBD, Inc	Oklahoma City, OK	405-773-1313	pbd.net	MCI	3.088	100	No	No	\$18.95	-	-	-	-
PTSI	Guyton, OK	405-338-7525	brightok.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Pioneer Telephone	Kingfisher, OK	405-375-0850	pldi.net	MCI	45.000	192	Yes	Yes	\$29.95	-	-	-	-
QUESTAR NETWORK SERVICES	Oklahoma City, OK	405-848-3228	qns.com	Sprint/MCI	3.088	247	Yes	Yes	\$9.95	22	\$0.25	9.95	x2
SONET Communications	Lawton, OK	405-536-5808	sonetcom.com	MCI	0.256	30	No	No	\$19.95	-	-	-	-
Sirius Systems Group Inc	Lawton, OK	405-355-6436	sirinet.net	MCI	1.544	96	Yes	No	\$25.00	-	-	-	-
Smokesignals Computer Co	Ada, OK	405-332-0033	chickasaw.com	GoodNet	1.544	64	Yes	No	\$19.95	120	-	-	-
TELEPATH SYSTEMS INC	Norman, OK	405-321-1900	telepath.com	UUNET	13.088	350	Yes	Yes	\$17.95	-	-	17.95	RockK56flex
THE INTERNET SHOP	Oklahoma City, OK	405-848-7000	theshop.net	MCI	3.088	429	Yes	Yes	\$19.95	-	-	22.95	x2
Thor Net Services Inc	Oklahoma City, OK	405-848-7510	thor.net	Sprint	0.099	9999	No	No	\$10.00	40	\$1.00	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
405 Area Code ♦ OKLAHOMA													
Total Access, Inc.	Anadarko, OK	405-247-7057	tanet.net	MCI	1.544	32	No	No	\$29.95	-	-	-	-
Virtual Community Ltd	Oklahoma City, OK	405-748-6093	soonemet.com	UUNET	1.544	46	Yes	Yes	\$14.95	30	\$11.00	-	-
WildStar Internet Services	Norman, OK	405-726-6623	wildstar.net	MCI	1.544	112	No	No	\$25.00	50	\$1.00	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Dallas Internet	Plano, TX	972-881-9595	dallas.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
GALAXY STAR SYSTEMS	Tulsa, OK	918-835-3655	galstar.com	Sprint	1.544	1242	Yes	Yes	\$9.95	30	\$1.20	9.95	Rock56flex
Genesis Net Corp	Amarillo, TX	806-356-7236	genesis.net	MCI/Sprint	3.088	-	Yes	No	-	-	-	-	-
Intex.net	Dallas, TX	972-669-0999	intex.net	UUNET	0.099	9999	No	Yes	\$24.95	100	\$1.95	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
NetSpace Internet Services	Salina, KS	913-823-3565	midusa.net	MCI	3.088	546	Yes	Yes	\$18.95	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Starnet Online Systems	Paris, TX	903-785-5533	1starnet.com	BBN	2.052	120	No	No	\$29.95	-	-	-	-

406 Area Code ♦ MONTANA													
AlpiNet Communications Inc	Bozeman, MT	406-586-8044	alpinet.net	UUNET	0.099	9999	No	No	\$10.00	15	\$2.00	-	-
AVICOM INC	Bozeman, MT	406-587-6177	avicom.net	MCI	1.544	72	Yes	No	\$18.00	-	-	36.00	x2
BIG SKY NET	Missoula, MT	406-728-3737	bigsky.net	MCI	1.544	150	No	Yes	\$20.00	-	-	20.00	x2
Bitterroot Internet / OSD Inc	Hamilton, MT	406-363-0216	bitterroot.net	MCI	1.544	60	No	No	\$19.95	60	\$1.00	-	-
Bozeman Daily Chronicle	Bozeman, MT	406-582-2654	gomontana.com	MCI	1.544	32	No	No	\$24.95	-	-	-	-
CyberPort Montana LLC	Whitefish, MT	406-863-3221	cyberport.net	MCI	1.544	100	No	No	\$19.50	-	-	-	-
CyberWorld Internet Services Inc	Laurel, MT	406-628-2331	cw2.com	Sprint	0.256	32	No	No	\$25.00	-	-	-	-
DIGISYS INC	Kalispell, MT	406-257-4638	digisys.net	MCI	3.088	390	Yes	No	\$19.95	-	-	29.95	x2
Global Net Llc	Bozeman, MT	406-587-5095	theglobal.net	BBN	0.099	9999	No	No	\$20.00	-	-	-	-
Intermountain Internet Corp	Helena, MT	406-449-3930	initco.net	Sprint	1.544	100	Yes	No	\$24.95	-	-	-	-
Internet Connect Services	Missoula, MT	406-721-4952	montana.com	Sprint	1.544	270	Yes	Yes	\$19.95	-	-	-	-
INTERNET MONTANA	Billings, MT	406-255-9699	imt.net	Sprint	13.090	85	Yes	No	\$20.00	-	-	99.00	x2
Internet Services Montana	Missoula, MT	406-542-0838	ism.net	MCI/BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-
interNetworking Ltd	Billings, MT	406-254-1704	macplus.com	MCI/Sprint	4.632	480	Yes	Yes	\$19.95	-	-	-	-
KooteNet	Libby, MT	406-293-2778	libby.org	MCI	1.544	55	No	No	\$20.00	40	\$1.00	-	-
M@RSweb Internet Services Montana	Missoula, MT	406-721-6277	marsweb.com	BBN/UUNET	3.088	166	Yes	Yes	\$19.95	-	-	-	-
Montana Communications Network	Billings, MT	406-254-9413	mcn.net	Sprint	3.088	632	Yes	Yes	\$19.95	-	-	-	-
MONTANA INTERNET	Helena, MT	406-443-3347	mt.net	Sprint	1.544	75	Yes	No	\$30.00	-	-	45.00	x2
TMComputers	Helena, MT	406-449-2702	tmcom.com	Sprint	0.640	5	No	No	\$20.00	-	-	-	-
The Billings Gazette	Billings, MT	406-657-1230	bigskywire.com	Sprint	0.099	9999	No	No	\$17.95	-	-	-	-
West Yellowstone Web Works	West Yellowstone, MT	406-646-7006	wyyellowstone.com	MCI	0.099	9999	No	No	\$29.95	30	\$1.75	-	-
Western Technology Partners	Billings, MT	406-256-9575	wtp.net	MCI	3.088	200	Yes	No	\$19.95	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No	-	-	-	25.00	LucK56flex
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-

407 Area Code ♦ FLORIDA													
Access Orlando	Orlando, FL	407-895-1200	ao.net	Sprint	1.544	177	No	Yes	\$19.95	-	-	-	-
BitStorm, Inc.	Debarry, FL	407-668-0670	bitstorm.net	MCI	1.544	96	Yes	No	\$18.00	-	-	-	-
Cape Coast Communications Inc	Melbourne, FL	407-952-5111	cape.net	MCI	1.544	40	Yes	Yes	\$20.00	-	-	-	-

Castlegate Internet Access Inc	Merritt Island, FL	407-459-1991	castlegate.net	MCI	1.544	35	No	No	\$15.00	100	\$0.50	-	-
Coleman Technologies Inc	Orlando, FL	407-481-8600	ctinet.net	Sprint	0.099	9999	No	Yes	\$18.00	160	\$1.00	-	-
Compu-Link Data Services	Orlando, FL	407-856-0771	cul.com	Sprint	1.544	60	No	No	\$17.95	-	-	-	-
Cybercat Online	Orlando, FL	407-298-1300	cycat.com	DataXchange	3.088	25	No	No	\$14.00	-	-	-	-
DMG Global Link Inc	Winter Park, FL	407-647-5511	4dmg.net	Sprint	0.099	9999	No	No	\$13.75	-	-	-	-
DataMart Internet Services	Orlando, FL	407-859-3130	permet.com	Sprint	1.544	30	Yes	No	\$19.95	-	-	-	-
Dynasty Online Inc	Altamonte Springs, FL	407-339-5559	doi.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
Florida Internet Corp	West Palm Beach, FL	407-615-0001	flinet.com	MCI/Sprint	3.088	200	Yes	Yes	\$19.95	-	-	-	-
FLORIDA ONLINE	Rockledge, FL	407-635-8888	digital.net	Sprint	45.000	1600	Yes	Yes	\$20.00	150	\$0.50	20.00	x2
GS-Link Systems Inc	Winter Park, FL	407-671-8682	gslink.net	Sprint	1.544	25	Yes	No	\$20.00	-	-	-	-
Global Datalink, Inc.	Orlando, FL	407-841-3690	gdi.net	Sprint	0.099	9999	Yes	Yes	\$14.95	100	\$1.00	18.00	-
Global Net	Orlando, FL	407-894-7672	globalnet.net	ANS	0.099	9999	No	No	\$20.00	-	-	-	-
Global Network Solutions Inc	Debarry, FL	407-668-1299	cnlink.com	BBN	1.544	50	No	No	\$19.95	-	-	-	-
GlobeNet Inc	Titusville, FL	407-267-5350	gnc.net	Sprint	1.544	30	No	No	\$15.00	150	\$0.50	-	-
Havenet Internet Services	Melbourne, FL	407-253-1957	havenet.com	Sprint	1.544	32	No	No	\$20.00	200	\$0.10	-	-
INCA Corp	Orlando, FL	407-481-2545	inca.net	ANS	3.088	32	No	No	\$19.95	-	-	-	-
Infinite Space Systems Corp	Orlando, FL	407-850-2404	ispace.com	ANS/GoodNet	3.088	300	Yes	No	\$19.95	-	-	-	-
IntelliSTAR	Orlando, FL	407-896-4882	intellistar.net	Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Internet Access Group Inc	Altamonte Springs, FL	407-786-1145	iag.net	Sprint	13.088	708	Yes	Yes	\$19.95	-	-	-	-
INTERNET ASSOCIATES INC	Sanford, FL	407-328-1052	reps.net	UUNET	1.544	750	No	No	\$19.95	-	-	19.95	x2
Internet One USA	Altamonte Springs, FL	407-774-5011	ioua.net	Sprint	0.099	9999	Yes	No	\$10.00	30	\$1.00	-	-
InternetU	Palm Bay, FL	407-952-8487	iu.net	Sprint	3.088	180	Yes	Yes	\$17.50	50	\$0.40	-	-
MPC Systems	Melbourne, FL	407-727-9022	mpcs.com	Sprint	0.512	80	No	No	\$12.00	240	-	-	-
MagicNet, Inc.	Orlando, FL	407-657-2202	magicnet.net	Sprint	45.000	546	Yes	Yes	\$20.00	99	\$1.00	-	-
MegaBits Computers Inc	Merritt Island, FL	407-453-5900	megabits.net	Sprint	1.544	400	No	No	\$15.95	-	-	-	-
MetroLink Internet Services Inc	Melbourne, FL	407-253-9300	metrolink.net	Netrail	1.544	230	Yes	No	\$19.99	-	-	-	-
MICRO PRODUCTS, INC.	Orlando, FL	407-660-7900	mpinet.net	Sprint	1.544	229	Yes	Yes	\$17.95	-	-	17.95	x2
NetPassage Inc	Orlando, FL	407-843-7277	netpass.com	MCI	15.400	120	Yes	No	\$19.95	-	-	-	-
Netwide Access Inc	Orlando, FL	407-249-0025	netwide.net	UUNET	1.544	602	No	Yes	\$19.95	-	-	-	-
Onet Inc	Lake Mary, FL	407-291-7000	onetinc.com	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
Online Orlando	Winter Park, FL	407-647-7559	oo.com	Sprint	0.099	9999	No	Yes	\$20.00	-	-	-	-
Orlando Internet Communications, Inc	Orlando, FL	407-384-6422	orlinter.com	UUNET	1.544	40	No	No	\$17.95	-	-	-	-
Orlando Internet Services Corp	Orlando, FL	407-236-9735	orlando.com	DataXchange	1.544	500	Yes	No	\$19.95	100	\$1.00	-	-
PalmNet On-Line	Merritt Island, FL	407-454-4333	palmnet.net	MCI	1.544	600	No	No	\$4.95	5	\$1.95	-	-
ParkAve.net, Inc.	Winter Park, FL	407-628-8130	parkave.net	Sprint	0.099	9999	Yes	No	\$20.00	-	-	-	-
Phoenix Applied Technology Inc	Kissimmee, FL	407-943-7500	phoenixat.com	Sprint	1.544	150	No	No	\$12.89	150	-	-	-
Quantum Connection Inc	Cocoa Beach, FL	407-638-0227	quancon.com	DataXchange	1.544	150	No	Yes	\$13.95	-	-	-	-
Spacecon.net	Merritt Island, FL	407-690-3500	spacecon.net	Sprint	0.256	16	No	No	\$5.00	62	\$1.00	-	-
Sundial Internet Services	Orlando, FL	407-438-6710	sundial.net	Sprint	1.544	113	Yes	No	\$18.95	-	-	-	-
Sync.Net	Orlando, FL	407-381-6062	sync.net	Sprint	1.544	56	No	Yes	\$18.00	-	-	-	-
TNN Services	Cocoa, FL	407-634-5500	tnn.net	MCI	3.088	210	No	Yes	\$10.00	-	-	-	-
Techware Corp	Altamonte Springs, FL	407-695-9000	techware.com	Sprint	1.544	30	No	No	\$19.00	-	-	-	-
Telsurf Inc.	Cocoa, FL	407-638-3686	telsurf.net	GridNet	1.544	10	No	No	\$15.95	-	-	-	-
The Electronic Source, Inc	Orlando, FL	407-812-5555	tesi.net	Sprint	1.544	15	No	Yes	\$18.00	-	-	-	-
The Network Group Inc	Melbourne, FL	407-723-8550	tng.net	MCI	1.544	95	Yes	Yes	\$17.95	-	-	-	-
VBNet.net	Orlando, FL	407-896-1509	vwtc.com	AGIS	1.544	20	Yes	Yes	\$20.00	-	-	-	-
WAMNETRUNNER	Boca Raton, FL	407-392-9422	wamnetrunner.com	UUNET/AGIS	3.088	530	Yes	Yes	\$19.95	-	-	25.00	x2
World Ramp Inc	Winter Park, FL	407-740-5987	worldramp.net	Sprint	1.544	60	No	No	\$20.00	-	-	-	-
Arisian Software, Inc.	Jupiter, FL	561-744-1253	arisia.net	UUNET	45.000	200	No	No	\$19.95	75	\$1.95	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
Boca.net Inc	Boca Raton, FL	561-394-8080	boca.net	MCI/Sprint/UUNET/IBM	33.000	198	Yes	Yes	\$20.00	-	-	-	-
CRAIG'S DATA EXCHANGE!	Mount Dora, FL	352-735-2331	cde.com	Sprint	1.544	152	Yes	Yes	\$20.00	-	-	20.00	RocK56flex
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
DAILY PLANET INTERNET SRVS.	Boca Raton, FL	561-369-1022	dailypplanet.net	Sprint/MCI	4.632	292	Yes	Yes	\$19.95	-	-	29.95	x2
ECQUAL Systems Int'l Inc	Stuart, FL	561-223-7250	ecqual.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
407 Area Code ♦ FLORIDA													
Florida Xpress Net	Deerfield Beach, FL	954-427-9655	fxn.com	Sprint	1.544	400	Yes	Yes	\$19.95	-	-	-	-
Fort Lauderdale Network	Fort Lauderdale, FL	954-489-3981	ft.lauderdale.net	CWIX/BBN	45.000	-	Yes	No	-	-	-	-	-
GROUND ZERO COMMUNICATIONS	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
ICANECT	Miami, FL	305-621-9200	icanect.net	UUNET/Sprint/CWIX	45.000	3058	Yes	Yes	\$17.95	300	-	-	-
Internet Connect Co., Inc.	Gainesville, FL	352-375-2912	atlantic.net	Sprint/MCI	3.088	300	Yes	Yes	\$19.95	-	-	-	-
Internet Paradise Inc	Atlanta, GA	770-980-0078	paradise.net	MCI	45.000	120	Yes	Yes	\$19.95	-	-	-	-
Internet Providers Of Florida	Miami, FL	305-273-7978	fla.net	UUNET	45.000	492	Yes	Yes	\$12.50	100	-	-	-
Internetworks International Inc	Gainesville, FL	352-378-1902	inetw.net	Sprint	0.099	9999	No	Yes	\$15.00	500	\$1.00	-	-
iThink, Imaginative Thinking	Winter Haven, FL	941-299-6372	ithink.com	MCI/Sprint	4.632	-	Yes	No	-	-	-	-	-
LAKE COUNTY INTERNET	Mount Dora, FL	352-383-7399	lcia.com	Sprint	3.088	184	Yes	Yes	\$16.95	-	-	19.95	x2
LakerNet	Fort Lauderdale, FL	954-359-3670	laker.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
M.A.G. Information Services	Lake Worth, FL	561-964-9841	magg.net	MCI	1.544	273	Yes	Yes	\$19.95	-	-	-	-
MATRIX COMMUNICATIONS, INC.	West Palm Beach, FL	561-615-6699	maco.net	BBN	1.544	202	Yes	Yes	\$17.95	-	-	17.95	x2
NetControl	Daytona Beach, FL	904-226-2260	netctrl.com	MCI/GoodNet	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
NETLINE COMMUNICATIONS	West Palm Beach, FL	561-966-5459	netline.net	Sprint	1.544	160	Yes	Yes	\$19.95	-	-	49.95	x2
NETRUNNER INC	Miami, FL	305-255-5800	netrunner.net	UUNET/AGIS	9.264	460	Yes	Yes	\$19.95	-	-	49.00	x2
Netdor Corp	Boca Raton, FL	954-776-9593	netdor.com	GridNet	0.099	9999	Yes	Yes	\$15.95	-	-	-	-
Netrus	Miami, FL	305-717-3221	netrus.net	UUNET/Sprint	3.088	171	Yes	Yes	\$25.00	-	-	-	-
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
New Power BBS Inc	Boca Raton, FL	561-750-7455	newpower.com	GridNet	3.088	212	Yes	Yes	\$16.90	-	-	-	-
PSS InterNet Services Inc	Daytona Beach, FL	904-253-7100	america.com	UUNET	0.099	9999	Yes	No	\$22.95	-	-	-	-
SatelNet Communications Inc	Davie, FL	954-321-5660	satelnet.org	AGIS/MCI/UUNET	4.632	70	Yes	No	\$25.00	-	-	-	-
SoFlo Internet Services Corp	Miami, FL	305-892-4440	soflo.net	GridNet	1.544	355	Yes	Yes	\$15.00	-	-	-	-
Southeast Network Services Inc	Jacksonville, FL	904-350-1969	southeast.net	GoodNet	10.000	517	Yes	Yes	\$19.95	-	-	-	-
SuNet Direct Corp	Vero Beach, FL	561-770-0280	sunet.net	GridNet	1.544	55	No	No	\$13.95	-	-	-	-
The EmiNet Domain	Boynton Beach, FL	561-731-0222	emi.net	Sprint	3.088	400	No	No	\$19.95	-	-	-	-
TheNet Digital Services Inc	Miami, FL	305-377-1755	thenet.net	UUNET	45.000	392	Yes	Yes	\$22.00	-	-	-	-
TRUNET CORP	West Palm Beach, FL	561-832-8832	truenet.net	BBN	3.088	42	Yes	Yes	\$19.95	-	-	50.00	x2

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A-Link Network Services Inc	Sunnyvale, CA	408-720-6161	alink.net	AGIS/Nap.Net	13.088	108	Yes	Yes	\$30.00	120	\$1.50	-	-
Able Technical Service	San Jose, CA	408-280-1000	ablecom.net	MCI	0.099	9999	No	Yes	\$25.00	-	-	-	-
ACCESS INTERNET COMMUN.	Cupertino, CA	408-777-8190	accesscom.com	BBN	1.544	168	No	No	\$24.95	-	-	24.95	x2
Aimnet Corp	Santa Clara, CA	408-567-3800	aimnet.com	AGIS/MAE West/Sprint/MCI	0.099	9999	Yes	Yes	\$30.00	-	-	-	-
ATLANTIS ONLINE	San Jose, CA	408-371-8259	atlantis-bbs.com	MCI	1.544	75	No	No	\$12.95	-	-	12.95	x2
Atlas Online Services	Gilroy, CA	408-847-5523	gilroy.com	MCI	1.544	16	No	No	\$20.00	23	-	-	-
B & B Computer Specialists	Felton, CA	408-335-9177	bnbcomp.net	AGIS/MCI	1.672	62	No	No	\$25.00	50	\$0.01	-	-
Bay Area Internet Solutions	Santa Clara, CA	408-260-5000	bayarea.net	MCI/UUNET	3.088	250	Yes	Yes	\$20.00	55	\$0.50	-	-
Blue Neptune Network Services, Inc.	San Jose, CA	408-978-3958	blueneptune.com	AGIS/BBN	3.088	36	No	No	\$15.00	-	-	-	-
Cruzio Information Center	Santa Cruz, CA	408-423-1162	cruzio.com	AGIS	0.099	9999	No	No	\$19.00	-	-	-	-
GALAXYNET TELECOMMUN.	Campbell, CA	408-559-5500	galaxy-net.net	Sprint/MAE West/MCI	45.000	16	Yes	No	\$29.95	-	-	39.95	x2
Garlique Graphics	Gilroy, CA	408-847-2490	garlique.com	MCI	0.099	-	Yes	No	-	-	-	-	-
GrendelNet, Inc	Campbell, CA	408-341-0888	grendelnet.com	AGIS	1.544	53	No	Yes	\$15.00	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
ICONetworks	Scotts Valley, CA	408-461-4638	ico.net	MCI	0.099	9999	No	No	\$26.00	120	\$1.00	-	-
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-
Internet Hotline	San Jose, CA	408-881-1000	ihot.com	CRL	1.544	500	Yes	No	\$20.00	-	-	-	-
Internet Public Access Corp	San Jose, CA	408-532-1000	ipac.net	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
KudoNet On-Line Services	Sunnyvale, CA	408-738-1201	kudonet.com	MCI/UUNET	11.544	196	Yes	Yes	\$29.00	-	-	-	-

Metricom Inc	Los Gatos, CA	408-399-8200	metricom.com	UUNET	0.099	9999	No	No	\$29.95	-	-	-	-	-	-
Monterey Bay Internet	Monterey, CA	408-642-6100	mbay.net	CWIX	1.544	2	Yes	Yes	\$17.95	-	-	-	-	-	-
Mountain Customer Service	Brookdale, CA	408-338-2330	mtnweb.com	MAE East	0.099	9999	No	No	\$20.00	-	-	-	-	-	-
Net Images	San Jose, CA	408-325-6900	netimages.com	UUNET/MCI	6.176	8	Yes	Yes	-	-	-	-	-	-	-
NetGate Communications	Santa Clara, CA	408-565-9601	netgate.net	CWIX	0.099	9999	No	No	\$20.00	-	-	-	-	-	-
NetLYNX Information Services	San Jose, CA	408-578-4595	netlynx.com	UUNET	0.099	9999	No	No	\$15.00	50	\$1.00	-	-	-	-
Netuser Communications	Cupertino, CA	408-253-0970	netuser.com	MCI	0.128	12	No	No	\$20.00	-	-	-	-	-	-
Network Solutions Inc	Milpitas, CA	408-946-6895	inow.com	AGIS/UUNET	45.000	560	Yes	Yes	\$19.95	-	-	-	-	-	-
Providenet	San Jose, CA	408-578-5616	providenet.com	MCI/UUNET	3.088	240	No	No	\$19.95	-	-	-	-	-	-
Red Shift Internet Services	Monterey, CA	408-655-8710	redshift.com	AGIS/GoodNet	3.088	464	Yes	Yes	\$16.95	-	-	-	-	-	-
SRMC	San Jose, CA	408-437-1800	srmc.com	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
SafeMail Inc	Morgan Hill, CA	408-778-5570	safemail.com	UUNET	1.544	20	Yes	Yes	\$20.00	-	-	-	-	-	-
SalinasNet	Salinas, CA	408-759-2875	salinas.net	MAE West	1.544	27	Yes	Yes	\$20.00	-	-	-	-	-	-
Sense Networking	Santa Cruz, CA	408-460-2000	got.net	CRL	1.544	90	No	No	\$20.00	-	-	-	-	-	-
SOUTH VALLEY INTERNET INC	San Martin, CA	408-683-4533	garlic.com	UUNET	3.088	240	Yes	Yes	\$20.00	-	-	-	20.00	RocK56flex	-
The Internet MainStreet	Los Altos, CA	408-778-5803	mainstreet.net	Sprint	0.099	-	Yes	No	-	-	-	-	-	-	-
UNIVERSAL INTERNET, LLC	Carmel, CA	408-622-5000	universal-net.com	MCI	1.544	150	Yes	Yes	\$30.00	200	-	-	35.00	x2	-
Utopia Net	San Jose, CA	408-441-8876	utp.net	MCI	0.099	9999	No	No	\$15.00	-	-	-	-	-	-
Valuserve	Campbell, CA	408-341-0600	valuserve.com	CRL/UUNET	45.000	500	Yes	Yes	\$25.00	-	-	-	-	-	-
Web Professionals Inc	Cupertino, CA	408-865-0899	professionals.com	AGIS/CIX	20.000	10	Yes	Yes	-	-	-	-	-	-	-
1st Source Inc	San Francisco, CA	415-753-6217	1source.com	MCI/ANS/UUNET	4.632	10	Yes	Yes	-	-	-	-	-	-	-
APlatform	Mountain View, CA	415-941-2647	aplatform.com	AGIS	1.544	999	Yes	No	\$20.00	-	-	-	-	-	-
AccessPort	Santa Rosa, CA	707-522-5100	ap.net	UUNET	0.099	9999	No	Yes	\$20.00	-	-	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-	-	-
Alameda Networks, Inc.	Alameda, CA	510-769-2936	alameda.net	MAE East	3.088	48	Yes	Yes	-	-	-	-	-	-	-
Best Internet Communications Inc	Mountain View, CA	415-964-2378	best.com	UUNET/MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-	-	-
Best/TLGnet	Mountain View, CA	415-487-1902	tlg.net	UUNET	0.099	9999	No	No	\$25.00	25	\$1.00	-	-	-	-
BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95	-	-	-	19.95	RocK56flex/LucK56flex	-
Brainstorm Networks	Mountain View, CA	415-988-2900	brainstorm.net	AGIS/MAE West	11.544	-	Yes	No	-	-	-	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-	-	-
CCnet Inc	Walnut Creek, CA	510-988-0680	ccnet.com	IBM/Verio	45.000	950	Yes	Yes	\$19.95	150	\$0.50	-	-	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	-	12.95	x2	-
Click.net	San Mateo, CA	415-579-4605	clicknet.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-	-	-
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-	-	-
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-	-	-
DSP NET	San Francisco, CA	415-695-7714	dsp.com	MCI/UUNET	10.044	500	Yes	No	\$19.95	-	-	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-	-	-
E-Fax Communications Inc	Oakland, CA	510-836-6000	efaxinc.com	MCI	0.099	9999	No	No	\$16.95	-	-	-	-	-	-
EMPac International Corp	Fremont, CA	510-683-8800	emplink.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
Electriciti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-	-	-
GLP Aerie Inc.	Livermore, CA	510-455-4457	gleep.com	MAE West/CWIX	7.720	50	Yes	No	\$15.00	-	-	-	-	-	-
GST Net	Fremont, CA	510-792-0768	gst.net	MCI	0.384	8	No	No	\$5.95	5	\$2.00	-	-	-	-
GeoNet Communications Inc.	Redwood City, CA	415-596-1700	geo.net	GeoNet	45.000	-	Yes	No	-	-	-	-	-	-	-
Global Infonet Inc	Oakland, CA	510-658-2177	california.com	UUNET	1.544	150	No	No	\$15.00	-	-	-	-	-	-
Grin Net, LLC.	San Francisco, CA	415-882-9922	grin.net	MAE West/UUNET	45.000	396	Yes	Yes	\$19.95	-	-	-	-	-	-
High Concept Enterprises	San Leandro, CA	510-352-7633	majonet.com	MCI	1.544	30	No	No	\$17.95	-	-	-	-	-	-
ISP Networks	San Francisco, CA	415-778-5100	isp.net	MCI/UUNET	13.088	1000	Yes	Yes	\$25.00	-	-	-	-	-	-
Idiom Consulting	Oakland, CA	510-658-5700	idiom.com	UUNET	1.544	96	Yes	Yes	\$30.00	240	\$0.25	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	-	19.95	x2/RocK56flex	-
InfoLane Corp	Fremont, CA	510-797-8086	infoane.com	UUNET/MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
INFOASIS	San Rafael, CA	415-459-7991	infoasis.com	BBN	2.056	173	Yes	Yes	\$22.00	100	\$2.00	22.00	22.00	RocK56flex	-
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	-	29.95	x2	-
InterServe Communications	Palo Alto, CA	415-328-4333	interserve.com	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
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Internet Frontier	Walnut Creek, CA	510-938-2925	internet-frontier.net	UUNET	1.544	112	No	Yes	\$17.95	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	109.00 x2/RocK56flex
LanMinds Inc	Berkeley, CA	510-843-6389	lanminds.com	UUNET/Sprint	6.176	164	No	Yes	\$20.00	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20 \$1.00
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-
MediaCity World Inc	Mountain View, CA	415-237-1400	mediacity.com	MCI	45.000	473	Yes	Yes	\$9.95	10 \$2.00
MEER.NET	Mountain View, CA	415-428-7111	meer.net	UUNET/MCI	13.088	71	No	Yes	\$20.00	200 30.00 RocK56flex/LucK56flex
Megamedia Corp	Fremont, CA	510-623-1100	megamed.com	MCI	0.099	9999	No	No	\$17.95	-
NANOSPACE INC.	Palo Alto, CA	415-833-8000	nanospace.com	Sprint/AGIS	3.088	144	Yes	No	\$18.95	18.95 RocK56flex
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-
NETWIZARDS INC	Burlingame, CA	415-259-9526	netwizards.net	MCI	3.088	568	Yes	Yes	\$19.95	39.95 x2
Network Architects	San Ramon, CA	510-855-4900	archnet.com	UUNET	0.099	9999	Yes	Yes	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-
NOTHING BUT NET	Dublin, CA	510-828-0664	nothingbutnet.net	AGIS	1.544	66	Yes	Yes	\$19.95	29.95 x2
One-O Inc	Mountain View, CA	415-962-5300	one-o.com	MCI	1.544	20	Yes	No	\$25.00	-
Open Net	Sacramento, CA	916-557-2700	openet.com	AGIS	0.099	9999	Yes	Yes	\$20.00	\$0.01
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-
Prado Internet Access Inc	Hayward, CA	510-889-5200	prado.com	AGIS	0.099	9999	No	Yes	\$24.00	-
QuakeNet Technologies	San Mateo, CA	415-655-7100	quake.net	UUNET	0.099	9999	No	Yes	\$35.00	100 \$1.00
Roble Systems	Palo Alto, CA	415-494-9250	roble.com	CIX	0.099	9999	No	No	\$25.00	70 \$1.00
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	29.95 x2
SONNET Networking	Sonoma, CA	209-532-2750	sonnet.com	IBM	1.544	223	No	Yes	\$19.95	50 \$1.49
Silicon Connections	Moraga, CA	510-631-0101	silcon.com	MCI	1.544	70	No	Yes	\$19.95	-
Sine Wave Solutions LLC	El Sobrante, CA	510-970-7448	sinewave.com	AGIS	1.544	92	No	Yes	\$20.00	180 \$0.50
Sirius Connections	San Francisco, CA	415-865-5000	sirius.com	UUNET/Sprint/MCI	6.176	864	Yes	No	\$18.95	-
Slip.Net	San Francisco, CA	415-281-3197	slip.net	BBN	45.000	748	Yes	Yes	\$19.95	-
SnowCrest Computer Specialties, Inc.	Mount Shasta, CA	916-926-6888	snowcrest.net	CRL	1.544	393	No	Yes	\$15.00	-
Surf Communications Inc	Berkeley, CA	510-649-4700	surf.com	UUNET	0.099	9999	No	Yes	-	-
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	lcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	19.95 x2
The NetTech Group Inc	San Mateo, CA	415-655-2435	tngi.com	AGIS	3.088	52	Yes	Yes	\$14.95	30 \$1.00
VFR Inc	Loomis, CA	916-652-7237	vfr.net	UUNET	1.544	48	No	Yes	\$20.00	-
Value Net Internetwork Services	Walnut Creek, CA	510-943-5769	value.net	UUNET	1.544	300	No	Yes	\$20.00	-
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200 \$1.00
Virtual Sites	San Francisco, CA	415-675-9991	v-site.net	UUNET	0.099	9999	No	Yes	\$50.00	150 \$1.50
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	20.00 x2/RocK56flex/LucK56flex
West Coast Online Inc	Rohnert Park, CA	707-586-3060	wco.com	MCI	0.099	9999	Yes	No	\$19.95	-
WINTERLAN INC	Berkeley, CA	510-486-1812	wli.net	MCI	1.544	575	Yes	Yes	\$30.00	30.00 RocK56flex
WIRED INTERNET	Sacramento, CA	916-668-7650	wired2.net	MCI	44.600	192	No	No	\$17.50	17.50 x2
Wombat Internet Guild	Palo Alto, CA	415-462-8800	wombat.net	UUNET	0.099	9999	No	Yes	\$25.00	50 \$1.00
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-
zNET Internet Services, Inc.	Solana Beach, CA	619-755-7772	znet.com	UUNET/CRL	0.099	9999	Yes	No	\$17.50	10000
Zoom Information Services Inc	Fremont, CA	510-744-2300	zoom.com	UUNET	0.099	9999	No	Yes	\$25.00	-

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Alpha1 Communications	Bryan, TX	409-731-8236	alpha1.net	BBN/Sprint/PSINet	4.632	23	Yes	Yes	\$20.00	-
CEM CORP	Brazoria, TX	409-798-8102	republic.net	MCI	1.544	120	Yes	No	\$24.95	39.95 x2
CVTV Internet	La Grange, TX	409-247-8885	cvtv.net	Sprint	3.088	32	Yes	No	\$19.95	20 \$0.50
Cybercom Corp	College Station, TX	409-268-0771	cy-net.net	MCI	0.099	9999	No	Yes	\$15.00	50

Data Recall, LLC	Beaumont, TX	409-832-4046	datarecall.net	UUNET	1.544	205	No	Yes	\$19.95	-	-	-	-
EXP Internet Services	Bridge City, TX	409-735-7320	exp.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Fayette Area Internet Services	La Grange, TX	409-968-3999	fais.net	Sprint	0.256	16	No	No	\$25.00	-	-	-	-
Internet Highway 2000	Beaumont, TX	409-833-2288	ih2000.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Internet Unlimited	Lufkin, TX	409-632-0144	inu.net	MCI	1.544	85	No	Yes	\$18.95	-	-	-	-
MYRIAD CORP	College Station, TX	409-693-8885	myriad.net	MCI	3.088	336	Yes	Yes	\$19.95	-	-	19.95	x2
PERnet Communications Inc	Nederland, TX	409-729-4638	pemet.net	UUNET	1.544	168	Yes	Yes	\$25.00	-	-	-	-
Public NetXchange	Orange, TX	409-882-0354	pnx.com	DataXchange	1.544	96	Yes	No	\$22.30	-	-	-	-
Star Tel Internet Services/BIHS	Bryan, TX	409-821-2830	bihs.net	Sprint	1.544	48	No	Yes	\$20.00	120	-	-	-
Wharton County Network	El Campo, TX	409-543-1949	wcnet.net		3.088	80	No	No	\$25.00	-	-	-	-
Bastrop Internet Services	Cedar Creek, TX	512-303-4000	bastrop.net	UUNET	1.544	32	No	Yes	\$24.95	-	-	-	-
Box Networks	Houston, TX	281-480-2684	box.net	MCI	1.544	282	Yes	Yes	\$20.00	-	-	-	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
Comwerx, Inc.	Cypress, TX	281-370-9690	comwerx.net	AGIS	1.544	83	Yes	Yes	\$14.95	24	-	-	-
Electrotex Inc	Houston, TX	713-526-3456	electrotex.com	Sprint	0.099	9999	No	Yes	\$20.95	-	-	-	-
FLEXnet Inc	The Woodlands, TX	713-364-6500	flex.net	MCI	3.088	294	No	Yes	\$29.95	-	-	-	-
FPO.COM Internet Connections	Pasadena, TX	713-944-7472	fpo.com	Sprint	3.088	16	No	No	\$9.95	-	-	-	-
First Internet	Houston, TX	713-963-0712	firstnetthou.com	AGIS	1.544	158	No	Yes	\$24.95	-	-	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-
Insync Internet Services Inc	Houston, TX	713-407-7000	insync.net	UUNET/MCI/Sprint/BBN	45.000	495	Yes	Yes	\$29.95	-	-	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
NetTap Data Services	Webster, TX	281-482-3903	nettap.com	UUNET	0.099	9999	No	No	\$21.25	100	-	-	-
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	-
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-	-	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	-	-	19.95	x2/Rock56flex/LucK56flex
WORLD TRADE NETWORK INC	Houston, TX	713-965-0485	wt.net	UUNET	3.088	766	Yes	Yes	\$15.60	-	-	19.95	x2/LucK56flex

410 Area Code ♦ MARYLAND

ABSNET INTERNET SERVICES	Baltimore, MD	410-361-8160	abs.net	CAIS	45.000	300	Yes	Yes	\$15.00	90	\$1.00	15.00	Rock56flex
American Information Network	Columbia, MD	410-715-6809	ai.net	UUNET	45.000	-	Yes	No	-	-	-	-	-
Annapolis Internet Inc	Annapolis, MD	410-571-8600	annapolis.net	MCI	1.544	70	Yes	Yes	\$19.95	180	\$0.25	-	-
Attach.Net	Cockeysville, MD	410-666-1666	attach.net	Sprint/CWIX	1.800	400	Yes	Yes	\$25.00	-	-	-	-
BaltimoreNet	Baltimore, MD	410-515-9832	baltimore.net	AGIS	1.544	50	No	Yes	\$18.75	-	-	-	-
BayServe Technologies Inc	Pasadena, MD	410-590-3750	bayserve.net	AGIS	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
CAAS	Hanover, MD	410-712-0213	caas.com	UUNET	1.544	50	No	No	\$19.95	-	-	-	-
Charm Net Inc	Baltimore, MD	410-558-3900	charm.net	Sprint/MCI/CAIS	13.088	323	Yes	Yes	\$25.00	-	-	-	-
Clark Internet Services Inc	Columbia, MD	410-995-0550	clark.net	AGIS/Sprint	0.099	9999	Yes	Yes	\$19.00	-	-	-	-
DelMarVa Online	Salisbury, MD	410-749-7898	dmv.com	MCI	3.088	600	No	Yes	\$19.95	-	-	-	-
EZY.NET CORPORATION	Salisbury, MD	410-742-1610	ezy.net	MAE East/MCI/AGIS/Sprint	40.000	926	Yes	Yes	\$18.00	-	-	18.00	Rock56flex/LucK56flex
INVISION SYSTEMS INC.	Baltimore, MD	410-246-1691	satelink.net	MCI	43.232	80	Yes	Yes	\$18.00	-	-	50.00	x2
Infocomm Network Services	Baltimore, MD	410-296-5005	infocomm.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Interactive Information Inc	Columbia, MD	410-381-6369	iiinc.com	AGIS	0.099	9999	No	No	\$10.00	-	-	-	-
Internet Surf's Up	Annapolis, MD	410-280-8964	ea.net	DIGEX	1.544	40	Yes	No	\$15.95	150	\$1.00	-	-
JAGUNET ACCESS SERVICES	Perry Hall, MD	410-931-3157	jagunet.com	MCI	3.088	111	No	Yes	\$10.00	40	\$0.50	15.00	Rock56flex/LucK56flex
Magnus Computing Inc	Bel Air, MD	410-893-4643	magnus1.com	Sprint	3.088	50	Yes	No	\$8.25	-	-	-	-
Maryland Online Network	Baltimore, MD	410-327-5803	mdonline.net	CWIX/CAIS	7.720	16	Yes	No	\$8.00	-	-	-	-
METRONET INTERNET SERVICES	Baltimore, MD	410-246-9111	min.net	Sprint	10.000	152	Yes	Yes	\$15.00	240	\$1.00	15.00	x2
NEWLINK Internet Services	Catonsville, MD	410-719-0110	newlink2000.com	Sprint	1.544	20	No	No	\$15.00	-	-	-	-
NetBrain	Lutherville, MD	410-321-8997	netbrain.com	MCI	0.128	5	No	No	\$12.00	-	-	-	-
NetGSI	Aberdeen, MD	410-273-1240	netgsi.com	Sprint	1.544	120	Yes	Yes	\$9.95	-	-	-	-
Pepper Net division IEC, Inc.	Baltimore, MD	410-276-5470	pepper.net	CWIX	6.176	15	Yes	Yes	-	-	-	-	-
QUANTUM INTERNET SERVICES	Manchester, MD	410-239-6920	qis.net	MAE East	10.000	196	Yes	Yes	\$5.95	15	\$1.00	5.95	Rock56flex

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
410 Area Code ♦ MARYLAND													
Softaid Internet Services Inc	Columbia, MD	410-290-7763	softaid.net	AGIS	1.544	60	Yes	No	\$19.99	-	-	-	-
SOUTHERN MARYLAND INTERNET	Dunkirk, MD	410-257-5400	chesapeake.net	BBN	1.544	166	Yes	No	\$19.95	-	-	19.95	x2
TELEPHONET CORP	Baltimore, MD	410-427-9000	telephonet.com	DIGEX	1.544	576	Yes	Yes	\$18.50	-	-	18.50	x2
The Columbia Connexion	Ellicott City, MD	410-461-5430	connext.net	Sprint	1.544	53	No	Yes	\$10.95	-	-	-	-
Thoughts.Net	Annapolis, MD	410-263-3210	thoughts.net		45.000	-	Yes	No	-	-	-	-	-
TOAD COMPUTERS INC	Severna Park, MD	410-544-6943	toad.net	DIGEX	1.544	320	Yes	Yes	\$10.00	-	-	10.00	x2
VISIONCORP INC	Forest Hill, MD	410-557-0430	netfox.net	MCI	0.099	9999	Yes	No	\$19.00	-	-	19.00	x2/RocK56flex
ARInternet Corp	Landover, MD	301-459-7171	ari.net	Sprint	1.544	200	No	No	\$17.95	12	\$1.00	-	-
Allied Telecom Group	Washington, DC	202-541-9000	alliedtelecom.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
Ameritel	Lexington Park, MD	301-863-5809	ameritel.net	Sprint	1.544	350	Yes	No	\$19.95	-	-	-	-
Atlantech Online Inc	Laurel, MD	301-593-2794	atlantech.net	UUNET/PSINet	0.099	9999	Yes	No	\$19.00	-	-	-	-
ATLANTIC INTERNET SERVICE	California, MD	301-862-2556	acilink.net	CRL/CAIS	3.088	1196	Yes	Yes	\$14.95	-	-	19.95	x2/RocK56flex/LucK56flex
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
Brainwave Computer Services	Delmar, DE	302-846-2846	bwave.com	Netcom	1.544	1131	Yes	Yes	\$16.65	999	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-
CE NET, INC.	Georgetown, DE	302-855-0941	ce.net	AGIS	1.544	210	No	Yes	\$20.00	-	-	30.00	RocK56flex
CAPITAL CITY CYBERLINK	Rockville, MD	301-517-5647	dclink.com	UUNET	1.544	155	No	No	\$10.00	-	-	10.00	x2
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-	-
CYBER REALM	Rockville, MD	301-947-0100	cyberrealm.net	BBN	45.000	264	Yes	Yes	\$17.99	-	-	29.00	x2
CYBERHOST, INC.	Arlington, VA	703-527-3400	cyberhost.com	CWIX	1.544	78	No	Yes	\$25.00	-	-	35.00	LucK56flex
D&R Systems Inc	Clinton, MD	301-203-1996	drsyste.ms.com	MCI	3.088	25	No	No	\$20.00	-	-	-	-
DPNet	Newark, DE	302-366-0801	dpnet.net	Sprint/MCI	3.088	245	Yes	Yes	\$15.00	-	-	-	-
DELAWARE ONLINE	Wilmington, DE	302-762-0375	dol.net	Sprint	3.084	610	Yes	Yes	\$10.00	15	-	10.00	x2
Delta One	Chantilly, VA	703-715-9222	delta1.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
DIGINET COMMUNICATIONS, INC.	Sterling, VA	703-736-9800	diginetusa.net	UUNET/MCI	45.000	130000	Yes	Yes	\$19.95	-	-	19.95	LucK56flex
ESVAnet	Nassawadox, VA	757-442-5865	esva.net	MCI/Sprint	3.088	110	No	No	\$25.00	-	-	-	-
Eaglenet, Inc	Lexington Park, MD	301-863-6992	eaglenet.com	UUNET	1.544	150	No	No	\$20.00	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Hermes Internet Service	Washington, DC	202-646-1640	hermesnet.net	CAIS	1.544	55	Yes	No	\$20.00	-	-	-	-
INET COMMUNICATIONS	Newark, DE	302-454-1780	inet.net	MCI/Sprint	3.088	485	Yes	Yes	\$17.95	-	-	17.95	x2
INET CONNECT	Columbia, PA	717-684-2567	inetconnect.com	Sprint	1.544	60	Yes	Yes	\$25.00	300	\$1.00	65.00	x2/RocK56flex
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
Intelligent Decisions	Chantilly, VA	703-803-8070	intelligent.net	DIGEX	0.099	9999	No	Yes	\$90.00	-	-	-	-
Internet Express Inc	Damascus, MD	301-253-1500	x-press.net	Sprint/MCI	3.088	145	Yes	No	\$8.00	-	-	-	-
Internet Interstate	Bethesda, MD	301-652-4468	intr.net	Sprint	13.000	185	Yes	Yes	\$18.12	420	\$1.00	-	-
KIVEX Inc	Bethesda, MD	301-215-7744	kivex.com	UUNET/MCI	45.000	-	Yes	No	-	-	-	-	-
Monumental Network Systems	Chantilly, VA	703-631-3600	monumental.com	MCI/UUNET/CWIX/Nap.Net	6.176	1050	Yes	Yes	\$20.00	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-
NetRail, Inc	Atlanta, GA	404-522-5400	netrail.net	Netrail	0.099	9999	Yes	Yes	\$19.95	6	\$0.50	-	-
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
PrimaNET Communications Inc	Silver Spring, MD	301-585-4081	primanet.com	EPOCH	10.000	250	Yes	No	\$12.50	-	-	19.95	-
RadixNet	Oxon Hill, MD	301-567-9831	radix.net	AGIS/CAIS	4.632	356	Yes	Yes	\$19.00	-	-	-	-
RAVENET SYSTEMS INC	Yorklyn, DE	302-993-8420	ravenet.com	UUNET/MCI	3.088	441	Yes	Yes	\$25.00	-	-	25.00	x2
SSNet Inc	Middletown, DE	302-378-1386	ssnet.com	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Smartnet Internet Services LLC	Laurel, MD	301-470-3400	smart.net	MCI/CAIS/CWIX	7.720	229	Yes	Yes	\$15.00	-	-	-	-
Strategic Office Solutions, Inc.	Olney, MD	301-924-4411	strategicoffice.com	MCI	1.544	2	Yes	Yes	-	-	-	-	-
Team Infinity	Greenbelt, MD	301-805-1281	teaminfinity.com	DIGEX	1.544	64	No	No	\$17.00	-	-	-	-
TIDAL WAVE COMMUNICATIONS	Chantilly, VA	703-968-5744	tidalwave.net	UUNET	45.000	3700	Yes	Yes	\$9.50	-	-	9.50	x2
US NET INCORPORATED	Silver Spring, MD	301-572-5926	us.net	Sprint/AGIS	7.720	638	Yes	Yes	\$18.95	-	-	18.95	LucK56flex

Ultralex Information Provider	Laurel, MD	301-598-6879	upx.net	Sprint	0.099	9999	Yes	No	\$15.00	120	\$1.00	-	-
Virtual Networks Inc	Rockville, MD	301-738-1111	vni.net	CAIS/Sprint	0.099	9999	Yes	Yes	\$23.00	-	\$1.00	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

412 Area Code ♦ PENNSYLVANIA

A&M Communications	Indiana, PA	412-463-1859	warbeast.com	UUNET	1.544	32	No	No	\$20.00	-	-	-	-
Apollo Trust Co./Apollo Internet, Inc	Apollo, PA	412-478-3151	apollostrust.com	MCI	1.544	30	No	No	\$14.99	-	-	14.99	-
Aswell Corp	Pittsburgh, PA	412-931-7605	aswell.net	MCI	45.000	314	Yes	Yes	\$25.95	-	-	-	-
B4-FUTURES	Hunker, PA	412-925-9457	b4futures.net	UUNET	1.544	142	Yes	Yes	\$20.99	100	-	39.99	x2
CityNet Inc	Pittsburgh, PA	412-481-5406	city-net.com	MCI	1.544	89	Yes	Yes	\$20.00	-	-	-	-
Cobweb Internet Service	McMurray, PA	412-942-1472	cobweb.net	MCI	1.544	240	Yes	No	\$23.95	-	-	-	-
COMPUTER CENTRAL	New Brighton, PA	412-846-3063	ccia.com	UUNET	1.544	260	Yes	No	-	-	-	25.00	x2
DataHaven Project	Pittsburgh, PA	412-421-8008	dhp.com	UUNET	3.088	-	Yes	No	-	-	-	-	-
Emmaus Ministries	Ambridge, PA	412-266-8188	emmaus.org	AGIS	0.028	2	No	No	\$12.00	30	\$2.40	-	-
FYI Networks Inc	Valencia, PA	412-453-2232	fyi.net	UUNET	1.544	200	Yes	No	\$15.00	-	-	-	-
Helicon On-Line	Uniontown, PA	412-439-8805	hhs.net	MCI	4.632	300	No	No	\$19.95	-	-	-	-
Hometown Online	Hermitage, PA	412-342-6730	hto.net	MCI	1.544	32	No	No	\$19.95	-	-	-	-
Infinity Online, Inc.	Sharon, PA	412-342-2130	infoline.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
InterService Computers	Butler, PA	412-287-8946	isrv.com	UUNET	1.544	42	Yes	No	\$24.95	-	-	-	-
Internet Services Corp	Pittsburgh, PA	412-321-2912	netservices.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
localconnect	Monroeville, PA	412-373-8888	nb.net	CRL	0.099	9999	Yes	No	\$19.95	-	-	-	-
MDI Direct	Pittsburgh, PA	412-488-7800	mdi.net	UUNET	1.544	64	Yes	No	\$22.50	-	-	-	-
NAUTICOM	Gibsonia, PA	412-449-4600	nauticom.net	MCI	3.088	938	Yes	Yes	\$21.95	-	-	21.95	Rock56flex
NetStation	West Mifflin, PA	412-464-7181	netstation.net	UUNET	0.099	9999	Yes	Yes	\$15.95	-	-	-	-
PREPnet	Pittsburgh, PA	412-268-7870	prep.net	MCI	45.000	-	Yes	No	-	-	-	-	-
PATHWAY INTERNET!	Grove City, PA	412-458-7900	pathway.net	UUNET	1.544	156	Yes	No	\$19.95	-	-	19.95	x2
PITTSBURGH ONLINE INC	Pittsburgh, PA	412-681-6130	pgh.net	MCI/UUNET	3.088	302	Yes	Yes	\$24.95	-	-	50.00	Rock56flex
PULSENET	Washington, PA	412-225-5200	pulsenet.com	MCI/DIGEX/AGIS/UUNET	6.176	262	Yes	Yes	\$9.95	30	\$0.60	25.00	x2
Stargate Industries Inc	Belle Vernon, PA	412-930-7827	sgi.net	UUNET/MCI	45.000	576	Yes	Yes	\$20.00	-	-	-	-
Telerama Public Access Internet	Pittsburgh, PA	412-481-3505	lm.com	Sprint	0.099	9999	No	No	\$20.00	90	\$2.00	-	-
TheNETconnection!	Fayette City, PA	412-326-8355	dp.net	MCI	1.544	100	No	No	\$19.99	-	-	-	-
TriState InterLink, Inc.	Aliquippa, PA	412-378-9307	tsil.net	MCI	0.768	58	No	No	\$19.95	-	-	-	-
USA OnRamp	Pittsburgh, PA	412-391-4382	usaor.net	AGIS	3.088	610	Yes	Yes	\$19.95	-	-	-	-
WebForge Productions/RoundHouse Run	Pittsburgh, PA	412-766-6041	rhun.com	CRL	1.544	20	No	No	\$15.95	-	-	-	-
Western Pennsylvania OnLine	Washington, PA	412-250-5000	wpol.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-
Westmoreland Online Inc	Greensburg, PA	412-830-4900	westol.com	MCI	3.088	448	Yes	Yes	\$18.95	-	-	-	-
Within Technology Inc	Waynesburg, PA	412-852-2599	greenepa.net	DIGEX	1.544	52	Yes	Yes	\$25.00	240	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Computer Showcase	Seneca, PA	814-677-2447	csonline.net	MCI	1.544	150	Yes	No	\$18.95	-	-	-	-
HGO.NET	Wheeling, WV	304-243-6500	hgo.net	MCI	1.544	276	Yes	Yes	\$25.00	-	-	25.00	Rock56flex
Imagixx	Morgantown, WV	304-292-6600	imagixx.net	MCI	1.544	60	Yes	Yes	\$20.00	-	-	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Microserve Information Systems	Wilkes Barre, PA	717-821-5964	microserve.net	MCI/MAE East/MAE West/Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
MountainNet Inc	Morgantown, WV	304-594-9075	mountain.net	BBN/Sprint/MCI	4.632	721	Yes	Yes	\$25.00	-	-	-	-
THIRD WAVE DEVELOPMENT	Johnstown, PA	814-262-0622	third-wave.com	UUNET/DIGEX	6.176	1116	Yes	No	\$19.95	-	-	19.95	x2
WeirNet	Weirton, WV	304-794-0000	weir.net	Sprint	1.544	100	No	No	\$20.00	-	-	-	-
WEST SIDE TELEPHONE CO	Morgantown, WV	304-983-8600	westco.net	Sprint/Sprint	3.088	228	Yes	Yes	\$15.95	-	-	19.95	x2

413 Area Code ♦ MASSACHUSETTS

Berkshire County Network	Adams, MA	413-743-7044	bcn.net	UUNET	1.544	200	Yes	Yes	\$20.00	450	-	-	-
BerkshireNet	Pittsfield, MA	413-442-7805	berkshire.net	MCI	1.544	60	No	No	\$25.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
413 Area Code ♦ MASSACHUSETTS													
Crocker Communications	Greenfield, MA	413-585-1250	crocker.com	Sprint/MCI	3.088	120	Yes	Yes	\$19.95	50	\$0.95	-	-
EXCELL.NET	Longmeadow, MA	413-565-4430	excell.net	Sprint	1.544	19	Yes	Yes	\$15.00	-	-	50.00	x2
Inter-Access of the Berkshires	Pittsfield, MA	413-443-3335	vgemet.net	MCI	1.544	200	Yes	Yes	\$23.00	-	-	-	-
JavaNet	Northampton, MA	413-587-3400	javanet.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
Mallard Electronics	W Springfield, MA	413-732-0214	map.com	MCI	1.544	146	No	Yes	\$15.95	-	-	-	-
ShaysNet	Greenfield, MA	413-772-2923	shaysnet.com	UUNET	1.544	55	No	Yes	\$20.00	-	-	-	-
The SPA	South Hadley, MA	413-539-9818	the-spa.com	Sprint	1.544	125	No	No	\$10.00	30	\$1.00	-	-
ValiNet Inc	Greenfield, MA	413-772-8744	valinet.com	MCI	3.088	430	Yes	Yes	\$18.00	-	-	-	-
Complete Internet Access Inc	Cambridge, MA	617-225-4100	thecia.net	MCI/CWIX	20.000	7000	Yes	Yes	\$18.95	-	-	-	-
Hey Communications Inc	Sturbridge, MA	508-347-1800	hey.net	Sprint	1.544	66	No	No	\$24.95	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
NORTH AMERICAN INTERNET	Newington, CT	860-953-4638	nai.net	MCI	6.176	1744	Yes	No	\$17.95	-	-	17.95	x2
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
SOVERNET INC	Bellows Falls, VT	802-463-2111	sover.net	MCI/Sprint/UUNET	7.720	896	Yes	Yes	\$20.00	-	-	20.00	x2
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-
The Destek Group Inc	Nashua, NH	603-594-9630	destek.net	UUNET	0.099	-	Yes	No	-	-	-	-	-
Together Networks	Burlington, VT	802-862-2030	together.net	Sprint	6.176	1125	No	Yes	\$19.95	-	-	-	-
Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-
WorldNET	Norwood, MA	617-551-9977	wn.net	CWIX/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-

414 Area Code ♦ WISCONSIN

alpha dot net corp	Milwaukee, WI	414-274-7040	alpha.net	AGIS	45.000	-	Yes	No	-	-	-	-	-
ANEWVISION	Appleton, WI	414-993-1533	anewvision.com	Sprint	1.544	96	No	No	\$17.00	-	-	29.00	x2
AXIS.NET, Inc.	Milwaukee, WI	414-390-2947	axisnet.net	MCI	45.000	105	Yes	Yes	\$12.00	20	\$0.20	-	-
AthEnet Internet Services	Appleton, WI	414-954-9799	athenet.net	Sprint/UUNET	3.088	278	Yes	Yes	\$20.00	-	-	-	-
Comstar Technologies	Waukesha, WI	414-524-9628	wauknet.com	Nap.Net	1.544	16	No	No	\$20.00	-	-	-	-
CyberLynk Network Inc	Racine, WI	414-884-1088	cyberlynk.net	DataXchange	3.088	248	Yes	Yes	\$19.00	30	-	-	-
Data Plus	Manitowoc, WI	414-684-7115	dataplusnet.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
DIRECT INTERNET ACCESS SRVS.	Wauwatosa, WI	414-479-1979	dias.net	MCI	1.544	70	Yes	Yes	\$10.00	40	\$1.00	10.00	x2
Enterprise Communications	Brookfield, WI	414-860-6300	entercom.net	MCI	3.088	48	No	No	\$30.00	100	\$0.25	-	-
Excel.Net Inc	Sheboygan, WI	414-452-0455	excel.net	AGIS	3.088	156	Yes	Yes	\$20.00	-	-	-	-
EXEC-PC INC	New Berlin, WI	414-789-4200	execpc.com	UUNET/MCI/AGIS	45.000	4660	Yes	Yes	\$12.00	65	-	15.00	x2
FullFeed Communications	Appleton, WI	414-954-0444	atw.fullfeed.com	Sprint	0.099	9999	Yes	Yes	\$20.00	30	-	-	-
GLACI Inc	Wauwatosa, WI	414-475-6388	glaci.com	AGIS/UUNET	0.099	9999	No	No	\$10.00	40	\$1.00	-	-
Green Bay Online	Green Bay, WI	414-431-0088	dct.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Hillman Consulting Services	West Bend, WI	414-338-6808	hnet.net	AGIS	1.544	38	Yes	No	\$20.00	60	\$2.00	-	-
Infinity Technology Inc	Green Bay, WI	414-430-1117	itol.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Inter-Netcess	Germantown, WI	414-502-0147	inetcess.com	BBN	0.099	9999	No	No	\$12.95	-	-	-	-
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-
Internet Dynamics Corp	Whitewater, WI	414-473-7700	idcnet.com	AGIS	1.544	125	Yes	Yes	\$19.95	-	-	-	-
INTERNET WISCONSIN	Beaver Dam, WI	414-887-1516	internetwis.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Io Systems	Fond Du Lac, WI	414-924-6720	iosys.net	Sprint	1.544	24	No	No	\$19.95	-	-	-	-
JADE Technologies, Inc.	Milwaukee, WI	414-332-5110	jadetech.com	MCI	1.544	16	No	No	\$15.00	-	-	-	-
Linksmith Inc	Racine, WI	414-634-2287	lynksmith.com	Nap.Net	0.099	9999	No	No	\$17.95	-	-	-	-
MIX COMMUNICATIONS INC	Brookfield, WI	414-290-2020	mixcom.com	Nap.Net/AGIS	3.088	480	Yes	No	\$12.95	-	-	12.95	Rock56flex/LucK56flex
N/CONNECT INC	Slinger, WI	414-644-0728	nconnect.net	MCI	1.544	170	Yes	No	\$20.00	-	-	-	-

NetNet Inc	Green Bay, WI	414-499-1339	netnet.net	Sprint	1.544	387	No	Yes	\$19.95	180	\$2.00	-	-	-	-
Nomad Inc	Kenosha, WI	414-551-8180	nomad.net	AGIS	0.099	9999	No	Yes	\$17.00	-	-	-	-	-	-
NorthNet	Oshkosh, WI	414-233-5641	northnet.net	AGIS/BBN	45.000	92	Yes	Yes	\$24.95	-	-	-	-	-	-
ON-LINE SYSTEMS INC	Waterford, WI	414-534-9700	ols-inc.com	UUNET	1.544	186	Yes	Yes	\$19.95	150	\$0.50	19.95	RockK56flex/LucK56flex	-	-
PantherNET Communications	Black Creek, WI	414-984-3548	panthernet.com	Sprint	0.640	16	No	No	\$19.95	-	-	-	-	-	-
Power Web Connect	Beaver Dam, WI	414-885-7860	powerweb.net	AGIS	1.544	60	No	No	\$19.95	-	-	-	-	-	-
puerta on-line	Green Bay, WI	414-430-2000	puerta.com	Sprint	0.099	9999	No	No	\$17.99	-	-	-	-	-	-
QC-PRO	Hubertus, WI	414-628-3455	qcpro.com	AGIS	0.099	9999	No	No	\$18.50	-	-	-	-	-	-
Southwind Enterprises, Inc.	Kenosha, WI	414-942-0479	vcity.net	MAE West	3.088	100	No	No	\$19.95	-	-	-	-	-	-
SparkNET Corp	Green Bay, WI	414-490-5901	sparknet.net	Sprint	1.544	183	Yes	Yes	\$9.95	12	\$1.00	-	-	-	-
State Long Distance Telephone	Elkhorn, WI	414-723-1638	elknet.net	MCI	1.544	96	Yes	No	\$14.95	-	-	-	-	-	-
Strategic On-Line	Sheboygan, WI	414-458-1901	sts.net	AGIS	1.544	10	No	No	\$8.00	120	\$0.50	-	-	-	-
TCB INTERNET	Sheboygan, WI	414-451-7776	tcbi.com	AGIS	45.000	368	Yes	Yes	\$20.00	-	-	20.00	x2/RockK56flex	-	-
TCC Communications	Brookfield, WI	414-827-9111	trcaccess.net	UUNET	0.099	9999	No	No	\$29.00	-	-	-	-	-	-
TCC Communications	Brookfield, WI	414-390-4457	tcocom.net	MCI/Sprint	45.000	514	Yes	Yes	\$19.95	150	\$1.00	-	-	-	-
The Data Exchange	Appleton, WI	414-830-8918	dataex.com	Sprint/UUNET	3.088	310	Yes	Yes	\$20.00	-	-	-	-	-	-
The Peoples Telephone Co	Randolph, WI	414-326-3151	peoples.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
TheSurf.Co	Fond Du Lac, WI	414-926-0175	thesurf.com	Sprint	0.099	9999	No	No	\$12.50	-	-	-	-	-	-
Valley Internet Access	Appleton, WI	414-832-8951	via.org	Sprint	0.099	9999	No	No	\$15.00	60	-	-	-	-	-
VisionNet	Milwaukee, WI	414-273-8200	vws.net	DataXchange	1.544	-	Yes	No	-	-	-	-	-	-	-
WI RURAL INTERNET	Wautoma, WI	414-787-5307	wirural.net	MCI	3.088	180	Yes	Yes	\$9.99	10	\$1.00	24.99	x2	-	-
WISCONSIN INTERNET INC	Racine, WI	414-884-2040	wi.net	Sprint	1.544	288	No	No	\$15.00	-	-	20.00	x2	-	-
Berbee Information Networks Corp	Madison, WI	608-288-3000	binc.net	MCI	4.632	176	Yes	Yes	\$18.00	-	-	-	-	-	-
CyberZone Inc	Marinette, WI	715-732-1568	cybrzn.com	MCI	3.088	144	No	Yes	\$20.00	-	-	-	-	-	-
Full Access Internet Services	Janesville, WI	608-755-9981	fab.net	UUNET	1.544	60	Yes	Yes	\$15.00	-	-	-	-	-	-
Global Dialog Internet	Madison, WI	608-223-0955	globaldialog.com	AGIS	10.535	268	Yes	Yes	\$18.95	-	-	-	-	-	-
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240	-	-	-	-	-
MEGSINET INC	Chicago, IL	312-245-9015	megsinet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	-	-	14.95	RockK56flex	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex	-	-
NETEASE	Santa Rosa, CA	707-569-5000	neteze.com	UUNET/MCI	4.000	275	Yes	Yes	\$12.86	-	-	12.86	x2/RockK56flex/LucK56flex	-	-
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-	-	-	-	-	-
TerraCom Inc	Madison, WI	608-250-4444	terracon.net	MCI	0.099	9999	No	No	\$11.95	65	\$2.00	-	-	-	-
WiscNet	Madison, WI	608-265-6761	wiscnet.net	Nap.Net	45.000	104	Yes	No	\$15.00	60	\$1.00	-	-	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-	-	-	-	-	-

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1st Source Inc	San Francisco, CA	415-753-6217	1source.com	MCI/ANS/UUNET	4.632	10	Yes	Yes	-	-	-	-	-	-	-
22 Solutions	San Francisco, CA	415-431-9903	catch22.com	MCI	0.099	9999	No	Yes	\$22.00	-	-	-	-	-	-
APlatform	Mountain View, CA	415-941-2647	aplatform.com	AGIS	1.544	999	Yes	No	\$20.00	-	-	-	-	-	-
Back Door Comp Svcs Inc	San Francisco, CA	415-756-2906	backdoor.com	UUNET	1.544	22	No	No	\$19.95	-	-	-	-	-	-
Best Internet Communications Inc	Mountain View, CA	415-964-2378	best.com	UUNET/MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-	-	-
Best/North Bay Network	San Rafael, CA	415-472-1600	nbn.com	UUNET	0.099	9999	No	Yes	\$20.00	50	\$1.00	-	-	-	-
Best/TLGnet	Mountain View, CA	415-487-1902	tlg.net	UUNET	0.099	9999	No	No	\$25.00	25	\$1.00	-	-	-	-
Brainstorm Networks	Mountain View, CA	415-988-2900	brainstorm.net	AGIS/MAE West	11.544	-	Yes	No	-	-	-	-	-	-	-
Click.net	San Mateo, CA	415-579-4605	clicknet.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-	-	-
CoastsideNet Internet Services	Half Moon Bay, CA	415-726-7893	coastside.net	UUNET	0.099	9999	No	Yes	\$20.00	40	\$1.00	-	-	-	-
Creative Strategies	San Francisco, CA	415-495-1811	creative.net	MCI/AGIS	3.088	103	No	Yes	\$15.00	320	\$1.00	-	-	-	-
DSP NET	San Francisco, CA	415-695-7714	dsp.com	MCI/UUNET	10.044	500	Yes	No	\$19.95	-	-	-	-	-	-
DataTarners	Menlo Park, CA	415-364-7919	datatarners.com	GoodNet	0.099	9999	Yes	No	\$25.00	-	-	-	-	-	-
EZ Surf Internet Communications	Foster City, CA	415-524-4888	ez-surf.net	AGIS	1.544	20	No	No	\$19.95	-	-	-	-	-	-
Faster Than Light	San Francisco, CA	415-334-2922	ftl.net	BBN	1.544	25	No	Yes	\$25.00	-	-	-	-	-	-
GeoNet Communications Inc.	Redwood City, CA	415-596-1700	geo.net	GeoNet	45.000	-	Yes	No	-	-	-	-	-	-	-
GLOBAL NETWORK SERVICES	Redwood City, CA	415-299-8383	gnshost.com	MCI/AGIS/Sprint	5.416	123	No	Yes	\$17.95	-	-	34.50	x2	-	-
Grin Net, LLC.	San Francisco, CA	415-882-9922	grin.net	MAE West/UUNET	45.000	396	Yes	Yes	\$19.95	-	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
415 Area Code ♦ CALIFORNIA													
ISP Networks	San Francisco, CA	415-778-5100	isp.net	MCI/UUNET	13.088	1000	Yes	Yes	\$25.00	-	-	-	-
INFOASIS	San Rafael, CA	415-459-7991	infoasis.com	BBN	2.056	173	Yes	Yes	\$22.00	100	\$2.00	22.00	Rock56flex
InterServe Communications	Palo Alto, CA	415-328-4333	interserve.com	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-
LHPUSD	Pescadero, CA	415-879-1504	southcoast.net	UUNET/CRL	1.600	23	Yes	Yes	\$20.00	-	-	-	-
LineX Communications	San Rafael, CA	415-455-1650	linex.com	MCI	0.099	9999	No	Yes	\$24.00	150	-	-	-
MediaCity World Inc	Mountain View, CA	415-237-1400	mediacity.com	MCI	45.000	473	Yes	Yes	\$9.95	10	\$2.00	-	-
MEER.NET	Mountain View, CA	415-428-7111	meer.net	UUNET/MCI	13.088	71	No	Yes	\$20.00	200	-	30.00	Rock56flex/LucK56flex
MobiusNet	San Francisco, CA	415-821-0600	mobius.net	Sprint/MCI	3.088	12	No	No	\$25.00	100	\$1.00	-	-
NANOSPACE INC.	Palo Alto, CA	415-833-8000	nanospace.com	Sprint/AGIS	3.088	144	Yes	No	\$18.95	-	-	18.95	Rock56flex
NETWIZARDS INC	Burlingame, CA	415-259-9526	netwizards.net	MCI	3.088	568	Yes	Yes	\$19.95	-	-	39.95	x2
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
One-O Inc	Mountain View, CA	415-962-5300	one-o.com	MCI	1.544	20	Yes	No	\$25.00	-	-	-	-
Online Partners	San Francisco, CA	415-896-0908	gay.net	DataXchange	1.544	48	No	No	\$10.00	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
QuakeNet Technologies	San Mateo, CA	415-655-7100	quake.net	UUNET	0.099	9999	No	Yes	\$35.00	100	\$1.00	-	-
Roble Systems	Palo Alto, CA	415-494-9250	roble.com	CIX	0.099	9999	No	No	\$25.00	70	\$1.00	-	-
Sirius Connections	San Francisco, CA	415-865-5000	sirius.com	UUNET/Sprint/MCI	6.176	864	Yes	No	\$18.95	-	-	-	-
Slip.Net	San Francisco, CA	415-281-3197	slip.net	BBN	45.000	748	Yes	Yes	\$19.95	-	-	-	-
Space BBS	Menlo Park, CA	415-323-6693	spacebbs.com	BBN	0.056	19	No	Yes	\$13.00	26	\$0.25	-	-
TELEVOLVE INC	San Francisco, CA	415-861-7712	sfo.com	UUNET/BBN	2.312	254	Yes	Yes	\$17.50	-	-	25.00	Rock56flex
The NetTech Group Inc	San Mateo, CA	415-655-2435	tngi.com	AGIS	3.088	52	Yes	Yes	\$14.95	30	\$1.00	-	-
Virtual Sites	San Francisco, CA	415-675-9991	v-site.net	UUNET	0.099	9999	No	Yes	\$50.00	150	\$1.50	-	-
Wallace Technical Communications	Mountain View, CA	415-938-1352	walltech.com	UUNET/AGIS	1.930	76	Yes	Yes	\$19.95	100	\$1.00	-	-
Wombat Internet Guild	Palo Alto, CA	415-462-8800	wombat.net	UUNET	0.099	9999	No	Yes	\$25.00	50	\$1.00	-	-
WorldPassage	Mill Valley, CA	415-381-2668	worldpassage.net	UUNET	1.544	64	No	No	\$17.95	-	-	-	-
A-Link Network Services Inc	Sunnyvale, CA	408-720-6161	alink.net	AGIS/Nap.Net	13.088	108	Yes	Yes	\$30.00	120	\$1.50	-	-
Able Technical Service	San Jose, CA	408-280-1000	ablecom.net	MCI	0.099	9999	No	Yes	\$25.00	-	-	-	-
ACCESS INTERNET COMMUN.	Cupertino, CA	408-777-8190	accesscom.com	BBN	1.544	168	No	No	\$24.95	-	-	24.95	x2
AccessPort	Santa Rosa, CA	707-522-5100	ap.net	UUNET	0.099	9999	No	Yes	\$20.00	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Advanced Software Technology	Alameda, CA	510-523-6700	bayweb.net	CIX	0.099	9999	Yes	No	\$19.95	150	\$0.50	-	-
Aimnet Corp	Santa Clara, CA	408-567-3800	aimnet.com	AGIS/MAE West/Sprint/MCI	0.099	9999	Yes	Yes	\$30.00	-	-	-	-
Alameda Networks, Inc.	Alameda, CA	510-769-2936	alameda.net	MAE East	3.088	48	Yes	Yes	-	-	-	-	-
ATLANTIS ONLINE	San Jose, CA	408-371-8259	atlantis-bbs.com	MCI	1.544	75	No	No	\$12.95	-	-	12.95	x2
Autobahn Internet Solutions	Berkeley, CA	510-644-2204	autobahn.org	BBN	0.099	9999	No	No	\$14.95	-	-	-	-
Bay Area Internet Solutions	Santa Clara, CA	408-260-5000	bayarea.net	MCI/UUNET	3.088	250	Yes	Yes	\$20.00	55	\$0.50	-	-
BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95	-	-	19.95	Rock56flex/LucK56flex
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-
CCnet Inc	Walnut Creek, CA	510-988-0680	ccnet.com	IBM/Verio	45.000	950	Yes	Yes	\$19.95	150	\$0.50	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
Datalink Computer Services	Chico, CA	916-892-6640	dcs-chico.com	MCI	1.544	165	Yes	Yes	\$19.95	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
E-Fax Communications Inc	Oakland, CA	510-836-6000	efaxinc.com	MCI	0.099	9999	No	No	\$16.95	-	-	-	-
EMPaC International Corp	Fremont, CA	510-683-8800	emplink.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
East Bay Net	Kensington, CA	510-559-5555	vdn.com	AGIS	1.544	32	No	Yes	\$22.50	-	-	-	-
Electriciti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-

Emf.net	Berkeley, CA	510-704-2929	emf.net	MCI	1.544	2	Yes	Yes	-	-	-	-	-	-	-	-	-	-
GLP Aerie Inc.	Livermore, CA	510-455-4457	gleep.com	MAE West/CWIX	7.720	50	Yes	No	\$15.00	-	-	-	-	-	-	-	-	-
GST Net	Fremont, CA	510-792-0768	gst.net	MCI	0.384	8	No	No	\$5.95	5	\$2.00	-	-	-	-	-	-	-
GALAXYNET TELECOMMUN.	Campbell, CA	408-559-5500	galaxy-net.net	Sprint/MAE West/MCI	45.000	16	Yes	No	\$29.95	-	-	-	-	-	-	-	-	x2
Global Infonet Inc	Oakland, CA	510-658-2177	california.com	UUNET	1.544	150	No	No	\$15.00	-	-	-	-	-	-	-	-	-
High Concept Enterprises	San Leandro, CA	510-352-7633	majornet.com	MCI	1.544	30	No	No	\$17.95	-	-	-	-	-	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-	-
Idiom Consulting	Oakland, CA	510-658-5700	idiom.com	UUNET	1.544	96	Yes	Yes	\$30.00	240	\$0.25	-	-	-	-	-	-	-
In-Site Communications	Petaluma, CA	707-765-9993	iscweb.com	UUNET	1.544	60	No	No	\$19.95	-	-	-	-	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	-	-	-	-	-	-	x2/RocK56flex
InfoLane Corp	Fremont, CA	510-797-8086	infoLANE.com	UUNET/MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-	-	-	-
Infonet Communications Inc	Fresno, CA	209-446-2360	icinet.net	UUNET	0.099	9999	No	Yes	\$24.95	200	\$1.00	-	-	-	-	-	-	-
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	-	-	-	-	-	-	x2
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-	-	-	-	-	-
Internet Frontier	Walnut Creek, CA	510-938-2925	internet-frontier.net	UUNET	1.544	112	No	Yes	\$17.95	-	-	-	-	-	-	-	-	-
Internet Hotline	San Jose, CA	408-881-1000	ihot.com	CRL	1.544	500	Yes	No	\$20.00	-	-	-	-	-	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	-	-	-	-	-	-	x2/RocK56flex
KudoNet On-Line Services	Sunnyvale, CA	408-738-1201	kudonet.com	MCI/UUNET	11.544	196	Yes	Yes	\$29.00	-	-	-	-	-	-	-	-	-
LanMinds Inc	Berkeley, CA	510-843-6389	lanminds.com	UUNET/Sprint	6.176	164	No	Yes	\$20.00	-	-	-	-	-	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-	-	-	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
Megamedia Corp	Fremont, CA	510-623-1100	megamed.com	MCI	0.099	9999	No	No	\$17.95	-	-	-	-	-	-	-	-	-
Metricom Inc	Los Gatos, CA	408-399-8200	metricom.com	UUNET	0.099	9999	No	No	\$29.95	-	-	-	-	-	-	-	-	-
Metro Net	Santa Rosa, CA	707-578-4250	metro.net	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	-	-	-	-	-	-	-
Microweb Communications	Richmond, CA	510-412-5791	microweb.com	AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-	-	-	-
Mountain Customer Service	Brookdale, CA	408-338-2330	mtweb.com	MAE East	0.099	9999	No	No	\$20.00	-	-	-	-	-	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-	-	-	-	-	-
Net Images	San Jose, CA	408-325-6900	netimages.com	UUNET/MCI	6.176	8	Yes	Yes	-	-	-	-	-	-	-	-	-	-
NetGate Communications	Santa Clara, CA	408-565-9601	netgate.net	CWIX	0.099	9999	No	No	\$20.00	-	-	-	-	-	-	-	-	-
Network Architects	San Ramon, CA	510-855-4900	archnet.com	UUNET	0.099	9999	Yes	Yes	-	-	-	-	-	-	-	-	-	-
Network Solutions Inc	Milpitas, CA	408-946-6895	inow.com	AGIS/UUNET	45.000	560	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
NORCOV RESEARCH	El Cerrito, CA	510-559-9645	norcov.com	UUNET	0.128	48	No	Yes	\$20.00	300	\$0.50	20.00	-	-	-	-	-	x2
NOTHING BUT NET	Dublin, CA	510-828-0664	nothingbutnet.net	AGIS	1.544	66	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	x2
Prado Internet Access Inc	Hayward, CA	510-889-5200	prado.com	AGIS	0.099	9999	No	Yes	\$24.00	-	-	-	-	-	-	-	-	-
Providenet	San Jose, CA	408-578-5616	providenet.com	MCI/UUNET	3.088	240	No	No	\$19.95	-	-	-	-	-	-	-	-	-
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	-	-	-	-	-	-	-	-	x2
SONNET Networking	Sonoma, CA	209-532-2750	sonnet.com	IBM	1.544	223	No	Yes	\$19.95	50	\$1.49	-	-	-	-	-	-	-
SRMC	San Jose, CA	408-437-1800	srmc.com	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-	-
Sense Networking	Santa Cruz, CA	408-460-2000	got.net	CRL	1.544	90	No	No	\$20.00	-	-	-	-	-	-	-	-	-
Silicon Connections	Moraga, CA	510-631-0101	silcon.com	MCI	1.544	70	No	Yes	\$19.95	-	-	-	-	-	-	-	-	-
Silicon Valley North	Petaluma, CA	707-781-9999	svn.net	MAE West	0.099	9999	No	No	\$15.00	-	-	-	-	-	-	-	-	-
Sine Wave Solutions LLC	El Sobrante, CA	510-970-7448	sinewave.com	AGIS	1.544	92	No	Yes	\$20.00	180	\$0.50	-	-	-	-	-	-	-
Surf Communications Inc	Berkeley, CA	510-649-4700	surf.com	UUNET	0.099	9999	No	Yes	-	-	-	-	-	-	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	-	-	-	-	-	-	x2
The Internet MainStreet	Los Altos, CA	408-778-5803	mainstreet.net	Sprint	0.099	-	Yes	No	-	-	-	-	-	-	-	-	-	-
U. C. Computers Inc	Berkeley, CA	510-649-6089	transbay.net	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.25	-	-	-	-	-	-	-
Utopia Net	San Jose, CA	408-441-8876	utp.net	MCI	0.099	9999	No	No	\$15.00	-	-	-	-	-	-	-	-	-
Value Net Internetwork Services	Walnut Creek, CA	510-943-5769	value.net	UUNET	1.544	300	No	Yes	\$20.00	-	-	-	-	-	-	-	-	-
Valuserve	Campbell, CA	408-341-0600	valuserve.com	CRL/UUNET	45.000	500	Yes	Yes	\$25.00	-	-	-	-	-	-	-	-	-
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200	\$1.00	-	-	-	-	-	-	-
Viper 1	Oakland, CA	510-535-0786	vipernet.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-	-	-	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-	x2/RocK56flex/LucK56flex
Web Professionals Inc	Cupertino, CA	408-865-0899	professionals.com	AGIS/CIX	20.000	10	Yes	Yes	-	-	-	-	-	-	-	-	-	-
West Coast Online Inc	Rohnert Park, CA	707-586-3060	wco.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-	-	-	-
WINTERLAN INC	Berkeley, CA	510-486-1812	wli.net	MCI	1.544	575	Yes	Yes	\$30.00	-	-	-	-	-	-	-	-	RocK56flex
WIRED INTERNET	Sacramento, CA	916-668-7650	wired2.net	MCI	44.600	192	No	No	\$17.50	-	-	-	-	-	-	-	-	x2

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
415 Area Code ♦ CALIFORNIA													
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
zNET Internet Services, Inc.	Solana Beach, CA	619-755-7772	znet.com	UUNET/CRL	0.099	9999	Yes	No	\$17.50	10000	-	-	-
Zoom Information Services Inc	Fremont, CA	510-744-2300	zoom.com	UUNET	0.099	9999	No	Yes	\$25.00	-	-	-	-

416 Area Code ♦ ONTARIO													
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
ACCESS ROUTE CANADA ONLINE	Etobicoke, ON	416-234-5345	arcos.org	UUNET	3.088	327	Yes	No	\$24.95	-	-	24.95	x2
ARACNET	Toronto, ON	416-599-6888	aracnet.net	Sprint/MCI	4.632	319	Yes	No	\$5.95	10	\$0.95	5.95	x2
Better.Net	North York, ON	416-225-3030	better.net	Sprint	0.099	9999	No	Yes	\$14.95	-	-	-	-
Cable Island Ltd	Toronto, ON	416-322-5339	cable.com	UUNET	0.099	9999	No	Yes	-	-	-	-	-
Compulink Internet Solutions	Toronto, ON	416-636-9100	compulink.on.ca	Sprint	0.512	100	No	No	\$27.95	-	-	-	-
Connection.ca	Toronto, ON	416-967-6767	connection.ca	Sprint	1.544	23	No	Yes	-	-	-	-	-
Cor LAN Inc	Toronto, ON	416-362-1700	corelan.com	iSTAR	0.099	9999	No	Yes	-	-	-	-	-
CyberTouch Communications Inc	Toronto, ON	416-977-9400	cybertouch.com	Sprint	45.000	60	Yes	Yes	\$14.95	50	\$1.00	-	-
E-Gate Communications Inc.	Toronto, ON	416-447-8505	egate.net	UUNET	0.512	15	No	No	\$15.00	45	\$0.60	-	-
FollowMe Online Inc	North York, ON	416-512-8181	followme.com	Sprint	3.088	298	Yes	Yes	\$24.95	-	-	-	-
Front.Net Internet Services	Toronto, ON	416-955-1598	front.net	Sprint	3.088	216	Yes	Yes	\$12.95	30	\$0.95	-	-
Global Connexions Inc	Toronto, ON	416-510-8998	globalcon.com	Sprint	10.000	100	Yes	No	\$24.95	-	-	-	-
GLOBILITY ONLINE INC	Don Mills, ON	416-385-0459	globility.com	Sprint	10.000	200	No	No	\$14.95	-	-	14.95	x2/RocK56flex
INTERHOP NETWORK SERVICES	Toronto, ON	416-494-1603	interhop.net	Sprint/iSTAR	3.088	560	Yes	Yes	\$9.99	10	\$1.00	9.99	RocK56flex/LucK56flex
Interlog Internet Services	Toronto, ON	416-975-2655	interlog.com	UUNET/iSTAR	18.088	1686	Yes	Yes	\$15.00	45	\$0.95	-	-
Internet Direct Canada Inc	Etobicoke, ON	416-233-7150	idirect.com	Sprint/iSTAR	45.000	1800	Yes	No	\$26.90	-	-	-	-
Internet Light and Power	North York, ON	416-502-1512	ilap.com	Sprint	0.099	9999	No	Yes	\$29.95	90	-	-	-
Internet Service Bureau	Richmond Hill, ON	416-969-8016	isb.ca	MCI	0.099	9999	No	Yes	\$12.95	15	\$0.65	-	-
JC International Inc	Etobicoke, ON	416-798-1770	jcii.com	ATMnet	45.000	250	Yes	Yes	-	-	-	-	-
Local GlobalAccess Inc	Toronto, ON	416-515-7400	lglobal.com	Sprint	3.088	45	Yes	No	\$18.00	30	\$0.65	-	-
Microset Systems Inc	Scarborough, ON	416-283-4949	msi.net	MCI	0.099	9999	No	Yes	\$12.00	30	\$0.48	-	-
Myna Communications Inc	Toronto, ON	416-362-7000	myna.com	MCI	0.099	9999	No	No	\$19.99	-	-	-	-
NetAxis Inc	Toronto, ON	416-480-2700	netaxis.ca	ANS	1.544	165	Yes	Yes	\$23.00	-	-	-	-
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-	-	-	-
ONet Networking	Toronto, ON	416-978-4589	onet.on.ca	MCI	3.088	-	Yes	No	-	-	-	-	-
Passport Online	Toronto, ON	416-351-8438	passport.ca	Sprint	0.099	9999	No	No	\$34.95	50	-	-	-
Pathway Communications	Toronto, ON	416-214-6363	pathcom.com	MCI/Sprint	3.088	625	Yes	No	\$9.95	25	\$0.75	-	-
Rose Media Inc	North York, ON	416-222-3582	rose.com	Sprint	45.000	17	No	No	\$11.95	30	\$0.75	-	-
SKL Enterprises	West Hill, ON	416-209-7005	skl.com	Sprint	3.088	3	No	No	\$18.95	50	\$0.75	-	-
Techcom Computer Systems	Toronto, ON	416-248-6850	techcom.on.ca	MCI	0.512	30	No	Yes	\$14.99	80	\$0.50	-	-
the Wire	Toronto, ON	416-214-9473	the-wire.com	iSTAR	0.099	9999	No	No	\$19.95	30	-	-	-
Tube-e Communications	Toronto, ON	416-784-1233	tube.com	MCI	45.000	70	No	Yes	\$24.00	-	-	-	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-
UUNorth International Inc	Willowdale, ON	416-225-8640	north.net	MCI	0.099	9999	Yes	No	\$29.95	100	\$1.00	-	-
VISION ONLINE INC.	North York, ON	416-502-9611	visionol.net	iSTAR	1.544	95	No	Yes	\$15.99	60	\$1.00	15.99	x2
Web Club Inc.	Scarborough, ON	416-321-0955	wclub.com	Sprint	1.544	100	No	No	\$9.16	30	\$0.60	-	-
WIZNET INC.	Toronto, ON	416-967-4414	wiznet.ca	ANS	0.099	9999	Yes	Yes	\$25.00	-	-	40.00	x2
A + B Computer Systems	Ottawa, ON	613-739-5937	ab.org	Sprint	1.544	28	No	Yes	\$39.00	75	\$1.80	-	-
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afraspan.net	Sprint	1.544	8	Yes	No	\$20.00	160	\$1.95	-	-
Alberta SuperNet	Edmonton, AB	403-441-3663	supernet.ab.ca	MCI	0.099	9999	No	No	\$29.95	100	\$2.00	-	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
BeeLine Communications Inc.	Orangeville, ON	519-941-9517	blc.net	iSTAR	0.256	147	No	Yes	\$24.95	-	-	-	-

BigWave Internet Service	Flamborough, ON	905-690-9283	bigwave.ca	MCI	1.544	40	No	No	\$9.95	10	\$0.30	-	-	-
Burlington Network Services	Burlington, ON	905-632-3977	bserv.com	BellGlobal/UUNET	1.672	300	No	Yes	\$20.00	-	-	-	-	-
Caspar Computer Services Inc	Mississauga, ON	905-565-0156	caspar.net	MCI	0.256	14	No	Yes	\$20.00	20	\$1.00	-	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-	-
Daac Systems	Aurora, ON	905-841-4147	dcsnet.com	Sprint	1.544	100	No	No	\$29.95	120	\$0.50	-	-	-
Dtronix	Mississauga, ON	905-824-2814	dttronix.com	UUNET	0.099	9999	No	No	\$15.00	20	-	-	-	-
Durham.Net Inc	Oshawa, ON	905-427-5330	durham.net	iSTAR	1.544	90	Yes	No	\$15.00	20	\$1.00	-	-	-
ECHO ONLINE INTERNET INC.	Mississauga, ON	905-896-2432	echo-on.net	iSTAR	1.544	246	Yes	Yes	\$19.99	75	\$0.50	29.99	-	LucK56flex
Focus Technologies Networks	Mississauga, ON	905-602-6266	ftn.net	MCI/iSTAR/UUNET	0.099	9999	Yes	No	\$25.00	60	\$0.50	-	-	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-	-
Highstar	Thornhill, ON	905-881-9439	highstar.com	ANS	0.099	9999	No	No	\$17.95	-	-	-	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-	-
HURON INTERNET TECHNOLOGIES	Kitchener, ON	519-745-5513	huron.net	UUNET/Sprint	3.072	380	Yes	Yes	\$25.00	-	-	25.00	-	LucK56flex
INTRANET Technologies Inc	Ottawa, ON	613-233-7455	intranet.ca	Sprint	0.099	9999	Yes	Yes	\$29.95	90	\$0.75	-	-	-
IPGnet Online	Mississauga, ON	905-812-8500	ipgnet.com	iSTAR	1.544	10	No	No	\$19.95	30	\$0.75	-	-	-
Inline Internet Systems Inc	Mississauga, ON	905-813-8800	inline.net	iSTAR	0.256	5	No	No	\$49.95	60	\$0.50	-	-	-
INTERLINKS	Oshawa, ON	905-404-0810	interlinks.net	Sprint	1.544	190	No	No	\$25.00	-	-	25.00	-	x2
Interlynx	Hamilton, ON	905-522-5969	interlynx.net	Sprint	3.088	216	No	Yes	\$19.95	30	\$1.25	-	-	-
INTERNET QUEBEC IQ INC	Montreal, QC	514-383-4064	iq.ca	MCI	1.544	169	Yes	Yes	\$26.95	-	-	34.95	-	RockK56flex
InternetCorp International	Markham, ON	905-948-0959	internetcorp.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-	-
MGL Systems Computer Technologies	Cambridge, ON	519-651-2713	mgl.ca	MCI	1.544	226	Yes	Yes	\$30.00	-	-	-	-	-
Mediaglobe Inc	London, ON	519-668-0667	mediaglobe.com	MCI	0.099	9999	No	No	\$25.00	60	-	-	-	-
Metrix Interlink	Montreal, QC	514-875-0010	interlink.net	ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-	-
MLINK INTERNET INC	Montreal, QC	514-231-1923	mlink.net	UUNET/iSTAR	20.000	272	Yes	Yes	\$30.00	120	\$1.00	35.00	-	x2
NETINC	Hamilton, ON	905-525-4555	netinc.ca	iSTAR/Sprint	3.544	466	Yes	Yes	\$19.97	-	-	24.97	-	RockK56flex/LucK56flex
NetMatrix Communications Inc	Brampton, ON	905-457-4300	netmatrix.net	iSTAR	0.099	9999	No	Yes	\$19.95	-	-	-	-	-
Northumbria EAGLE	Cobourg, ON	905-373-9313	eagle.ca	Sprint	1.544	120	Yes	No	\$29.99	120	\$1.00	-	-	-
Online Information Xchange	Oshawa, ON	905-723-6299	oix.com	Sprint	0.099	9999	No	No	\$14.95	2	-	-	-	-
Onramp Network Services Inc	Markham, ON	905-470-4064	onramp.ca	Sprint/MCI	0.099	9999	Yes	Yes	-	-	-	-	-	-
POWERWINDOWS ISP INC.	Richmond Hill, ONTARIO	905-508-7013	powerwindows.ca	Sprint	3.088	536	No	Yes	\$17.00	-	-	22.95	x2/RocK56flex/LucK56flex	-
Predomnet Communications Inc	Mississauga, ON	905-814-0022	predomnet.com	Sprint	0.099	9999	No	No	\$15.95	60	-	-	-	-
SENTEX COMMUNICATIONS	Cambridge, ON	519-651-3400	sentex.net	Sprint/MCI	4.500	600	Yes	Yes	\$19.95	60	\$0.50	19.95	RockK56flex/LucK56flex	-
Servicetech	Rochester, NY	716-263-3360	servtech.com	Sprint/MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-	-
Spectranet Connections	Oakville, ON	905-338-3552	spectranet.ca	MCI	0.512	90	No	Yes	\$24.95	150	\$0.50	-	-	-
Switchtech Corp	Oakville, ON	905-338-2929	switchtech.net	iSTAR	0.099	9999	No	Yes	\$9.95	10	\$2.00	-	-	-
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	-	-
TotalNet Inc	Montreal, QC	514-481-2585	total.net	ANS/Sprint	0.099	9999	Yes	Yes	\$26.95	-	-	-	-	-
Web Net Corp	Orangeville, ON	519-940-9252	headwaters.com	MCI	0.256	69	No	Yes	\$24.95	50	\$0.50	-	-	-
WORLDCHAT INTERNET SRVS.	Burlington, ON	905-637-9111	worldchat.com	MCI	16.984	952	Yes	Yes	\$26.75	-	-	26.95	-	RockK56flex

417 Area Code ♦ MISSOURI

ADVANCED INTERNET COMMUN.	Springfield, MO	417-883-7899	wwwn.net	MCI	11.500	532	Yes	Yes	\$9.95	-	-	9.95	-	RockK56flex
Computerland	Springfield, MO	417-887-2222	cland.net	MCI	1.544	63	Yes	Yes	\$15.95	-	-	-	-	-
Dial US	Springfield, MO	417-881-3425	dialus.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-
DialNet	Springfield, MO	417-873-3425	dialnet.net	UUNET	4.680	250	Yes	No	\$14.95	180	\$2.00	-	-	-
GXL Internet Marketing	Springfield, MO	417-886-0234	gxl.com	UUNET	1.544	56	No	No	\$19.95	-	-	-	-	-
Laclede Access	Lebanon, MO	417-532-2117	llion.org	Sprint	1.544	24	No	No	\$15.00	-	-	-	-	-
Master Designs Inc	Springfield, MO	417-886-9795	cmaster.com	DataXchange	1.544	108	No	Yes	\$20.00	-	-	-	-	-
ONTHE.NET LLC	Springfield, MO	417-865-4593	getonthe.net	MCI	4.632	768	Yes	Yes	\$19.95	100	\$1.00	29.95	-	x2
Ozarks Web Link Inc	Lebanon, MO	417-588-9853	leblink.com	UUNET	1.544	24	Yes	No	\$29.95	-	-	-	-	-
Panther Creek Information Services	Fordland, MO	417-767-2126	pcis.net	UUNET	1.544	35	Yes	Yes	\$19.95	-	-	-	-	-
Softnet, Inc.	Monett, MO	417-235-0111	softnet.com	UUNET	1.544	64	No	No	\$14.95	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DCMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
417 Area Code ♦ MISSOURI										
Town Square Internet Inc	West Plains, MO	417-256-3848	townsq.com	UUNET	1.544	55	No	No	\$19.95	-
FASTRANS LOGISTICS, INC.	Saint Louis, MO	314-429-9220	fastrans.net	UUNET	6.176	256	Yes	Yes	\$15.95	19.95
Internet Partners of America	Fort Smith, AR	501-785-0300	ipa.net	MCI/Sprint	3.088	759	Yes	Yes	\$11.95	25 \$0.95
SmartNet Internet Services	Saint Joseph, MO	816-233-4944	smartnet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540
US INTERNET	Columbia, MO	573-446-8442	usi.com	MCI	1.544	120	No	Yes	\$15.95	15.95

418 Area Code ♦ QUEBEC										
ClicNet Telecommunications Inc	Quebec, QC	418-686-2542	clic.net	ANS	0.099	9999	No	No	\$29.95	-
Digicom	Alma, QC	418-668-9999	alma.digicom.qc.ca	Sprint	1.544	149	No	Yes	\$15.00	-
Digital Design Inc	Quebec, QC	418-688-4242	ddi.qc.ca	Sprint	0.064	15	No	Yes	\$35.00	\$1.00
I&C Internet	Sainte-Foy, QC	418-650-2495	ic-net.net	Sprint	3.088	72	No	No	\$29.95	90 \$1.00
Internet Communication Inc	Riviere-du-Loup, QC	418-868-0077	icrdl.net	Sprint	0.099	9999	No	No	\$10.00	10 \$0.99
Internet-BBSI Inc	Sept-Iles, QC	418-968-4433	bbsi.net	iSTAR	0.256	86	No	Yes	\$29.95	150 \$0.65
MegaQuebec	Charlesbourg, QC	418-821-1180	megaquebec.com	ANS	0.099	9999	No	Yes	\$24.95	-
ORICOM INTERNET INC	Ville Vanier, QC	418-683-4557	oricom.ca	Sprint	1.544	126	No	Yes	\$9.95	10 \$0.99
Reseau Internet Quebec Inc	Quebec, QC	418-521-2884	riq.qc.ca	MCI	0.099	9999	Yes	Yes	\$39.95	55 \$1.00
Services Internet de l'Estuaire	Rimouski, QC	418-723-7100	sie.qc.ca	iSTAR	1.544	40	No	No	\$8.95	10 \$0.95
WebNet Inc	Quebec, QC	418-522-4426	webnet.qc.ca	iSTAR	0.099	9999	No	No	\$30.00	-
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40 \$1.00
BABILLARD SYNAPSE INC	Gatineau, QC	819-561-1697	synapse.net	iSTAR	1.544	48	No	Yes	\$30.00	100 \$0.50
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40 \$1.00
Concepta Communication Inc	Trois-Rivieres, QC	819-378-8362	concepta.com	iSTAR	1.544	112	No	No	\$14.95	30 \$0.50
Connection MMIC Inc	St-Laurent, QC	514-331-6642	connectmmic.net	iSTAR	0.099	9999	Yes	Yes	\$29.95	-
Interlinx Inc	Sherbrooke, QC	819-565-9779	interlinx.qc.ca	iSTAR	0.099	9999	No	No	\$8.49	10 \$1.00
Internet Montreal	Montreal, QC	514-393-1014	mtl.net	Sprint	1.544	100	No	No	\$29.95	120 \$1.50
INTERNET QUEBEC IQ INC	Montreal, QC	514-383-4064	iq.ca	MCI	1.544	169	Yes	Yes	\$26.95	34.95
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90 \$1.00
Magnett Internet Gateway	Montreal, QC	514-861-8622	magnet.ca	iSTAR	0.099	9999	No	No	\$30.00	100
Metrix Interlink	Montreal, QC	514-875-0010	interlink.net	ANS	0.099	9999	Yes	Yes	\$29.00	40 \$1.00
Microtec Internet	Montreal, QC	514-388-4739	odyssee.net	Sprint	0.099	9999	No	No	\$25.00	120 \$2.00
MLINK INTERNET INC	Montreal, QC	514-231-1923	mlink.net	UUNET/iSTAR	20.000	272	Yes	Yes	\$30.00	120 \$1.00
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-
RISQ	Montreal, QC	514-840-1230	risq.qc.ca	MCI	20.000	-	Yes	No	-	-
TotalNet Inc	Montreal, QC	514-481-2585	total.net	ANS/Sprint	0.099	9999	Yes	Yes	\$26.95	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-

419 Area Code ♦ OHIO										
AMERICAN HEALTHCARE INFO	Sandusky, OH	419-626-0040	amnorth.com	PSINet	1.544	56	No	No	\$19.95	19.95
Auglaize Networking Systems, Inc.	Wapakoneta, OH	419-739-9341	auglaiz.net	MCI	0.099	9999	Yes	No	\$19.95	24.95
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5 \$2.25
Data Cache Communications	Port Clinton, OH	419-734-2474	dcache.net	MCI	1.544	48	No	No	\$19.95	-
LRBCG.COM, Inc.	Sandusky, OH	419-621-5770	lrbcg.com	DataXchange	1.544	46	No	No	\$19.95	-
Moore Technologies	Toledo, OH	419-389-8277	mooretech.net	AGIS	3.088	630	Yes	No	\$19.95	-
Network Online	Fremont, OH	419-334-9042	nwohio.com	MCI	1.544	147	Yes	Yes	\$19.95	-

NORDEN 1 COMMUNICATIONS	Toledo, OH	419-243-2015	norden1.com	MCI	1.544	138	No	Yes	\$18.00	120	\$0.05	18.00	Rock56flex
ONE Bellevue Place	Bellevue, OH	419-483-2916	onebellevue.com	Sprint	1.544	55	No	No	\$19.95	-	-	-	-
Pathway Internet Services	Tiffin, OH	419-447-4009	bpsom.com	MCI	1.544	24	No	No	\$23.50	-	-	-	-
RichNet Inc	Mansfield, OH	419-525-3760	richnet.net	Sprint	1.544	90	Yes	No	\$19.95	-	-	-	-
TOLEDO INTERNET ACCESS INC.	Toledo, OH	419-242-4234	toledolink.com	MCI	1.544	270	Yes	Yes	\$19.95	-	-	19.95	LucK56flex
Toledo's TBBS	Temperance, MI	419-478-0544	toltbbs.com	Sprint	1.544	32	Yes	No	\$9.95	5	\$1.00	-	-
WCOIL	Lima, OH	419-229-2645	wcoil.com	Sprint	1.544	550	Yes	No	\$19.95	-	-	19.95	x2
ANDERSON COMPUTER CONSULT.	Marion, OH	614-389-5149	acc-net.com	Sprint	1.544	144	No	No	\$19.95	-	-	19.95	Rock56flex
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
GlassCity Internet, Inc.	Toledo, OH	888-452-7763	glasscity.net	Sprint	3.088	720	Yes	Yes	\$15.95	-	-	-	-
ICNet	Ann Arbor, MI	313-998-0090	ic.net	MCI	0.099	9999	Yes	Yes	\$29.95	60	\$2.00	-	-
INFINET (INFINITE SYSTEMS)	Columbus, OH	614-241-2990	infinet.com	MCI/Sprint	4.632	1070	Yes	Yes	\$19.95	-	-	19.95	x2
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Michigan BizServe	Ann Arbor, MI	313-761-8742	bizserve.com	MCI	10.000	330	No	No	\$19.95	40	\$1.00	-	-
Netrex Inc	Southfield, MI	810-352-9643	netrex.net	AGIS/UUNET	45.000	-	Yes	No	-	-	-	-	-
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-	-	18.95	x2
WESNet Systems	Piqua, OH	513-773-0478	wesnet.com	MCI	10.000	234	Yes	Yes	\$9.95	5	\$2.95	-	-

423 Area Code ♦ TENNESSEE

3rd Wave Technologies	Bristol, TN	423-652-6090	3wave.com	BBN	1.544	142	No	Yes	\$20.00	-	-	-	-
Chattanooga Data Connection	Chattanooga, TN	423-266-3369	cdc.net	MCI/UUNET/Sprint	45.000	2048	Yes	Yes	\$19.95	-	-	-	-
Computerized Control Concepts	Athens, TN	423-745-5597	cococo.net	MCI	1.544	83	No	No	\$19.95	-	-	-	-
Crystal Point Online Service	Chattanooga, TN	423-266-5188	crystalpt.com	DataXchange	0.099	9999	No	No	\$21.45	100	-	-	-
DATAWORLD'S NET EXPRESS	Knoxville, TN	423-691-2011	nxs.net	BBN	1.544	69	Yes	Yes	\$14.95	80	\$0.39	14.95	x2
Esper Internet Services	Knoxville, TN	423-281-8066	esper.com	MCI	1.544	60	No	Yes	\$12.50	75	\$0.50	-	-
Expanding Technologies	Johnson City, TN	423-975-9339	xtc.net	UUNET	0.099	9999	No	Yes	\$10.00	10	\$1.00	-	-
First Internet Resources Corp	Knoxville, TN	423-577-9800	1stresource.com	MCI	0.099	9999	No	No	\$19.95	440	\$0.50	-	-
Goldsword Systems	Knoxville, TN	423-691-6498	goldsword.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	-
Internet Design Group Inc	Oak Ridge, TN	423-482-0500	internet-design.com	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
INTERSTATE 2000, INC.	Jellico, TN	423-784-2000	jellico.com	DataXchange	1.544	110	No	No	\$19.95	-	\$1.00	29.95	x2
KIDSURF ONLINE INC.	Morristown, TN	423-586-2041	kidsurf.net	BBN	3.088	260	No	Yes	\$14.95	-	-	40.00	x2
NETSTAR COMMUNICATIONS	Knoxville, TN	423-670-4020	netstarcomm.net	MCI	1.544	78	No	Yes	\$19.95	-	-	19.95	x2
Online Marketing Services	Soddy Daisy, TN	423-847-0229	drcinc.com	MCI	0.099	9999	No	No	\$18.95	-	-	-	-
Preferred Internet Inc	Kingsport, TN	423-323-1142	preferred.com	MCI	1.544	314	No	Yes	\$19.95	-	-	-	-
The Tri-Cities Connection	Kingsport, TN	423-378-0175	tricon.net	UUNET	1.544	198	Yes	Yes	\$20.00	80	\$0.25	-	-
The WEB Corp	Johnson City, TN	423-434-1310	thewebcorp.com	Sprint	1.544	38	No	Yes	\$19.99	-	-	-	-
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-	-	-	-
Virtual Interactive Center	Knoxville, TN	423-470-7851	vic.com	MCI	1.544	115	Yes	Yes	\$19.95	-	\$1.00	-	-
Volunteer State Internet	Dayton, TN	423-894-8164	volstate.net	GridNet	1.544	30	No	No	\$18.88	-	-	-	-
Washington County Online	Johnson City, TN	423-928-4135	washington.xtr.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
World Net Communications	Knoxville, TN	423-522-3202	wncorn.com	MCI	0.099	9999	Yes	Yes	\$21.95	-	-	-	-
ATS Telephone & Data Sys Inc	Memphis, TN	901-797-3000	atstel.com	Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
ISDN-NET	Brentwood, TN	615-371-1625	isdn.net	BBN	3.088	135	Yes	Yes	\$24.95	100	\$1.00	39.95	x2
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
kih online	London, KY	606-864-4429	kih.net	Sprint/BBN	7.720	1650	No	Yes	\$20.00	-	-	-	-
MountaiNet	Gate City, VA	540-452-3333	mounet.com	MCI	1.544	157	Yes	Yes	\$20.00	100	\$2.50	-	-
VividNet	Smyrna, GA	770-933-0999	vivid.net	UUNET	10.000	500	Yes	Yes	\$20.99	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDL.	MONTHLY	ARCHITECTURE
425 Area Code ♦ WASHINGTON													
RCIA Corp	Redmond, WA	425-883-8825	rcia.com		0.099	9999	No	Yes	\$16.95	-	-	-	-
2alpha	Bellevue, WA	206-746-4140	2alpha.com	UUNET/Sprint/MCI/AGIS	10.632	-	Yes	No	-	-	-	-	-
CITYLINQ NET SERVICES	Bellevue, WA	206-718-3333	citylinq.com	UUNET/MCI/Sprint	45.000	426	Yes	Yes	\$20.00	-	-	20.00	x2
Connect Northwest Internet Svcs	Bellevue, WA	360-466-1140	cnw.com	MCI/UUNET	3.088	282	Yes	Yes	\$20.00	-	-	-	-
N2H2 Bess INC	Seattle, WA	206-971-1400	bess.net	UUNET	1.544	9999	No	No	\$24.95	100	\$0.99	-	-
Personal Data Services	Edmonds, WA	206-365-8212	pdsnorth.com		0.099	9999	No	No	\$19.95	-	-	-	-
PROSTAR PLUS INTERNET	Federal Way, WA	206-941-8895	prostar.com	Sprint	45.000	780	No	Yes	\$9.95	-	-	9.95	Rock56flex/LucK56flex
SSN - Internet Services	Kent, WA	253-630-0580	ssn.com		0.128	10	No	No	\$20.00	-	-	-	-
WORLDLINK, Inc.	Seattle, WA	206-361-8785	w-link.net	MCI	1.544	100	No	No	\$16.00	-	-	-	-
Worldport Online	Seattle, WA	206-523-7916	wport.com	UUNET	1.544	168	No	No	\$14.95	-	-	-	-

440 Area Code ♦ OHIO

LEK INTERNET SERVICES	Akron, OH	330-535-1199	lek.net	Sprint/UUNET/MCI/ANS	45.000	144	Yes	Yes	\$19.95	-	-	19.95	x2
NetLink Services, Inc.	Twinsburg, OH	216-468-5100	nls.net	ANS/Sprint	3.088	106	Yes	Yes	\$18.95	-	-	-	-
NORTH COAST WEB	Fairport Harbor, OH	216-257-6480	ncweb.com	UUNET/ANS	3.088	216	No	No	\$15.00	-	-	25.00	x2

441 Area Code ♦ BERMUDA

Internet (Bermuda) Limited	Hamilton, HM	441-296-1800	ibl.bm	UUNET	1.544	200	No	No	\$29.00	10	\$3.00	-	-
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443 Area Code ♦ MARYLAND

ABSNET INTERNET SERVICES	Baltimore, MD	410-361-8160	abs.net	CAIS	45.000	300	Yes	Yes	\$15.00	90	\$1.00	15.00	Rock56flex
Hermes Internet Service	Washington, DC	202-646-1640	hermesnet.net	CAIS	1.544	55	Yes	No	\$20.00	-	-	-	-
SOUTHERN MARYLAND INTERNET	Dunkirk, MD	410-257-5400	chesapeake.net	BBN	1.544	166	Yes	No	\$19.95	-	-	19.95	x2
TELEPHONET CORP	Baltimore, MD	410-427-9000	telephonet.com	DIGEX	1.544	576	Yes	Yes	\$18.50	-	-	18.50	x2

501 Area Code ♦ ARKANSAS

Aristotle Internet Access	Little Rock, AR	501-374-4638	aristotle.net	MCI	0.099	9999	No	Yes	-	-	-	-	-
Arkansas Bulletin Board Service, Inc	Perryville, AR	501-889-2662	arkansasbbs.com	Sprint	1.544	8	No	No	\$24.95	-	-	-	-
Bitstream Associates	Siloam Springs, AR	501-524-2142	bstream.com	MCI	0.099	9999	Yes	No	\$9.95	15	-	-	-
CSW NET INC	Danville, AR	501-495-3479	cswnet.com	UUNET/AGIS	3.088	48	No	No	\$25.00	-	-	25.00	x2
CyberData Communications	Forrest City, AR	501-633-8665	tosconet.com	UUNET	45.000	256	Yes	No	\$29.95	200	\$0.99	-	-
directlynx Inc.	Hot Springs, AR	501-620-4469	directlynx.net	MCI	1.544	48	No	Yes	\$19.95	100	\$1.00	-	-
Entre Computer Center	Fayetteville, AR	501-443-2269	iso.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Futura, Inc.	Little Rock, AR	501-374-3888	futura.net	MCI	1.544	30	Yes	No	\$24.95	-	-	-	-
IPA - IntelliNet	Little Rock, AR	501-376-7676	intellinet.com	Sprint/MCI	0.099	9999	Yes	Yes	\$11.95	25	\$0.95	-	-
Information Galore Inc	El Dorado, AR	501-862-0777	info.com	MCI	1.544	150	No	No	\$25.00	-	-	-	-
Interface Computer Center	Fayetteville, AR	501-582-5100	ifworld.com	MCI	0.099	9999	Yes	No	\$29.50	200	\$0.75	-	-
Interlink Corp	Monticello, AR	501-367-6954	seark.net	MCI	0.099	9999	Yes	No	\$20.00	20	\$0.50	-	-
Internet Partners of America	Fort Smith, AR	501-785-0300	ipa.net	MCI/Sprint	3.088	759	Yes	Yes	\$11.95	25	\$0.95	-	-
Internet of Clark County	Arkadelphia, AR	501-246-6923	iocc.com	Sprint	1.544	39	No	No	\$19.95	-	-	-	-
PC Turnkey, Inc.	Springdale, AR	501-751-4114	pcturnkey.com	MCI	45.000	3	No	No	\$20.00	-	-	-	-

Power1 Internet Access	Hot Springs, AR	501-525-8484	power1.net	UUNET	1.544	100	No	No	\$25.00	-	-	-	-
Sanet LLC	El Dorado, AR	501-881-8497	sanet.com	Sprint	1.544	120	Yes	No	\$19.95	-	-	-	-
The Net Connection Inc	Fayetteville, AR	501-442-2780	arkansasusa.com	MCI	1.544	104	Yes	Yes	\$17.95	-	-	-	-
Web byDesign, Inc.	Morrilton, AR	501-354-5000	webbydesign.com	AT&T	45.000	26	No	No	\$25.00	-	-	-	-
Webfoot	Stuttgart, AR	501-672-2847	stuttgart.ar.us	MCI	0.056	10	No	No	\$24.95	-	-	-	-
World Linx Inc	Little Rock, AR	501-954-9090	cei.net	Sprint/MCI	13.894	480	Yes	Yes	\$19.95	480	\$1.00	-	-
Youmet.Com	Harrison, AR	501-741-2400	youmet.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
A2ZNET	Collierville, TN	901-854-1871	a2znet.com	MCI	1.544	32	No	No	\$19.95	-	-	25.00	x2
ALABAMA ONLINE INC	Birmingham, AL	205-870-1242	alonline.com	MCI/Sprint	44.776	207	No	Yes	\$19.95	-	-	24.95	x2
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-
Internet Connection Services	Memphis, TN	901-362-3008	icserv.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	100.00	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
IONET	Oklahoma City, OK	405-270-0999	ionet.net	MCI/Sprint/GoodNet/DIGEX	24.664	4047	Yes	Yes	\$18.95	-	-	18.95	x2
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-	-	-	-
NetLinx Technologies	Memphis, TN	601-342-6665	netlnx.com	UUNET	3.088	32	No	No	\$19.95	-	-	-	-
ONTHE.NET LLC	Springfield, MO	417-865-4593	getonthe.net	MCI	4.632	768	Yes	Yes	\$19.95	100	\$1.00	29.95	x2
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Starlink Information Systems, Inc	Texarkana, TX	903-831-7566	slinknet.com	CRL	3.088	193	Yes	Yes	\$19.99	-	-	-	-

502 Area Code ♦ KENTUCKY

ADEPT COMMUNICATIONS INC	Louisville, KY	502-584-1807	adept.net	BBN	1.544	81	Yes	Yes	\$19.95	300	-	45.00	x2
Apex Internet Services	Paducah, KY	502-442-5363	apex.net	DIGEX	1.544	170	Yes	No	\$25.00	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
DIGITAL CRESCENT INC	Frankfort, KY	502-226-3376	dcr.net	BBN	1.544	60	Yes	No	\$19.95	-	-	19.95	x2
GETtheNET, Inc.	Louisville, KY	502-585-4638	sitesonthe.net	UUNET	1.544	50	Yes	No	\$25.00	-	-	-	-
Iglou Internet Service	Louisville, KY	502-966-3848	iglou.com	UUNET/MCI	4.632	300	No	No	\$19.95	-	-	-	-
KA.net Internet Services	Louisville, KY	502-493-0447	ka.net	MCI	1.544	310	No	Yes	\$19.95	-	-	-	-
Ky VillageNet	Elizabethtown, KY	502-763-9101	kvnet.org	MCI	3.088	48	No	No	\$19.95	-	-	-	-
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25	\$1.00	35.00	x2/RocK56flex
South Central Rural Telephone	Glasgow, KY	502-678-2450	srcr.blue.net	UUNET	0.099	9999	No	No	\$4.95	12	\$1.00	-	-
Vision Communications	Paducah, KY	502-442-0060	vci.net	Sprint	1.544	184	No	No	\$19.95	-	-	-	-
Western Kentucky Online Inc	Madisonville, KY	502-821-0620	wko.com	MCI	1.544	100	Yes	No	\$24.95	-	-	-	-
WinNET Communications Inc	Louisville, KY	502-589-6800	win.net	Sprint	3.088	162	Yes	Yes	\$14.95	20	\$1.00	-	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
Aye Net	Jeffersonville, IN	812-280-4000	aye.net	AGIS/UUNET	3.088	600	No	No	\$25.00	-	-	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
Clarksville InterNet Services	Clarksville, TN	615-572-9108	clarksville.com	BBN	1.544	60	No	No	\$20.00	-	-	-	-
Compu-Net Enterprises	Clarksville, TN	615-553-0677	compu.net	BBN	3.152	3	Yes	Yes	\$20.00	100	\$50.00	-	-
DYNASTY ONLINE, INC	Evansville, IN	812-452-3200	dynasty.net	UUNET/UUNET	3.088	244	Yes	Yes	\$19.95	-	-	27.95	x2
GROUND ZERO COMMUN.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	Luck56flex
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
kih online	London, KY	606-864-4429	kih.net	Sprint/BBN	7.720	1650	No	Yes	\$20.00	-	-	-	-
KNIGHTWAVE TECHNOLOGIES	Clarksville, TN	615-645-4465	knightwave.com	CRL	1.544	232	No	No	\$19.95	-	-	19.95	x2
LDD Inc.	Cape Girardeau, MO	573-651-3373	ldd.net	MCI	3.088	682	No	No	\$19.95	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-
Mikrotec Internet Services Inc	Lexington, KY	606-225-1488	mis.net	MCI/BBN	6.176	600	Yes	No	\$17.95	-	-	-	-
Pinnacle Computer Services	Evansville, IN	812-476-6662	pinncomp.com	MCI	3.088	30	No	No	\$25.00	-	-	-	-
Pixelation Data Services	Clarksville, TN	615-920-2496	pixelation.com	Sprint	1.544	45	Yes	No	\$15.00	-	-	-	-
Tennessee Professional Web Services	Clarksville, TN	615-358-0091	tnproweb.com	BBN	1.544	20	Yes	No	\$20.00	24	-	-	-
The Louisville Connection	Jeffersonville, IN	812-288-2277	tlc-bbs.com	DataXchange	0.099	9999	No	No	\$4.00	8	-	-	-
ThePoint Internet Services Inc	Sellersburg, IN	812-246-7187	thepoint.net	UUNET/Nap.Net	4.632	210	Yes	Yes	\$20.00	-	-	-	-
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
503 Area Code ♦ OREGON													
aracnet.com	Beaverton, OR	503-626-7696	aracnet.com	MCI/Sprint	3.088	212	No	No	\$18.00	-	-	-	-
Ardvarks Always Answer	Scappoose, OR	503-543-6943	ardvark.com	DataXchange	0.099	9999	Yes	No	\$20.00	-	-	-	-
AUSNet Services	Portland, OR	503-242-1400	us.world.net	Sprint/MCI	3.088	48	Yes	Yes	-	-	-	-	-
Autobahn Internet Services Inc	Portland, OR	503-639-2727	northwest.com	MCI	1.544	71	Yes	No	\$20.00	-	-	-	-
Barristers Information Service	Salem, OR	503-375-0985	juris.net	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
CJM	Portland, OR	503-761-9495	cjm.com	MCI	3.088	5	Yes	No	\$19.95	-	-	-	-
Cascade Connection	Portland, OR	503-282-8303	casconn.com	MCI	0.056	12	No	No	\$12.50	60	-	-	-
CenORneT Internet Access	West Linn, OR	503-557-9047	cenomet.com	Sprint	0.099	9999	No	Yes	\$15.00	30	-	-	-
ConNet80	Portland, OR	503-243-6723	connet80.com	MAE East	0.099	9999	No	No	\$19.95	-	-	-	-
CyberConnectics	Aurora, OR	503-678-3049	cybcon.com	MCI/UUNET	3.088	30	No	No	\$19.95	-	-	-	-
CyberNet NorthWest	Portland, OR	503-256-5350	cybernw.com	MCI	1.544	68	Yes	No	\$19.95	-	-	-	-
EasyStreet Online Services	Beaverton, OR	503-646-8400	easystreet.com	MCI	3.088	400	Yes	Yes	\$19.95	-	-	-	-
Europa Communications Inc	Portland, OR	503-222-9508	europa.com	Sprint/MCI	3.088	424	No	Yes	\$19.95	-	-	-	-
Hevanet Communications	Portland, OR	503-228-3520	hevanet.com	MCI	0.099	9999	No	No	\$13.85	300	\$1.50	-	-
Imagina Inc	Portland, OR	503-224-8522	imagina.com	MCI	3.088	87	Yes	No	\$25.00	120	\$2.00	15.00	-
InterBytes Corp	Portland, OR	503-224-2169	bytes.net	MCI/UUNET	0.099	9999	Yes	No	\$30.00	60	\$1.00	-	-
InterNet Technologies, Inc	Beaverton, OR	503-644-4156	bandwidth.net	MCI	1.544	50	No	Yes	\$14.95	450	\$0.25	-	-
Internet Arena	Portland, OR	503-224-2718	inetarena.com	Sprint	0.099	9999	No	Yes	\$18.00	100	\$0.50	-	-
Internet Communications	Beaverton, OR	503-848-8139	iccom.com	MAE West	0.099	9999	Yes	No	\$9.95	30	\$0.50	-	-
INTERNET PARTNERS INC INVOLVED, INC.	Hillsboro, OR Portland, OR	503-690-2700 503-226-4006	ipinc.net involved.com	MCI UUNET	3.088 1.544	163 66	Yes No	No No	\$19.95 \$14.95	200 30	- \$1.75	19.95 29.95	x2 x2
MEDIA Max	Portland, OR	503-226-0808	mmax.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
MTJeff.Com	Madras, OR	503-475-6233	mtjeff.com	Sprint	0.099	9999	No	No	\$20.00	6	\$2.50	-	-
Metro-Surf	Aloha, OR	503-848-5866	metro-surf.com	Sprint	0.128	32	No	No	\$18.50	-	-	-	-
Microtech Systems Inc	Tigard, OR	503-620-9715	mtsi.com	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-
NW OpenAccess Inc	Portland, OR	503-227-7031	pdxnet.com	MCI	0.256	10	No	No	\$20.00	-	-	-	-
Network 13	Portland, OR	503-295-0680	network13.net	MCI	6.500	500	Yes	No	\$25.00	-	-	-	-
Network Connect Northwest Inc	Salem, OR	503-363-4580	ncn.com	MCI	1.544	30	No	No	\$15.00	60	\$0.75	-	-
Northwest PowerNet Inc	Portland, OR	503-698-2554	nwpower.net	UUNET	1.544	92	Yes	Yes	\$19.95	-	-	-	-
OPEN.org	Salem, OR	503-588-6192	open.org	Sprint	1.544	144	No	No	\$8.00	30	\$1.00	-	-
Online Sports	Portland, OR	503-246-8112	sports.net	MCI	0.099	9999	No	Yes	\$15.00	-	-	-	-
Oregon Interactive	McMinnville, OR	503-434-5801	oregon.com	MCI	0.128	24	No	No	\$9.50	60	\$0.25	-	-
PCs Made Easy - Internet Services	Tigard, OR	503-639-0828	pcez.com	Sprint/UUNET	0.099	9999	No	No	\$15.00	120	-	-	-
Pacific Computing	Tillamook, OR	503-842-7600	oregoncoast.com	UUNET	1.544	79	No	No	\$25.00	-	-	-	-
Pacific Northwest Networks	McMinnville, OR	503-472-5861	pnn.com	Sprint	1.544	60	Yes	No	\$15.00	30	\$1.00	-	-
Planet Access Inc	Newberg, OR	503-537-9976	planacc.com	MCI	3.088	10	No	No	\$7.95	8	\$1.00	-	-
QuickNet Communication's	Portland, OR	503-736-9011	quicknet.com	UUNET/MCI	3.088	10	Yes	No	\$15.00	-	-	-	-
RainDrop Laboratories	Portland, OR	503-452-1191	rdrop.com	MAE West	1.544	9	No	No	\$9.00	30	\$1.00	-	-
Rainet Inc	Portland, OR	503-227-5665	rain.net	Sprint/MCI	39.632	43	Yes	Yes	\$20.00	10	\$1.00	-	-
SeaPort Communications	Portland, OR	503-827-3005	seaport.net		1.544	48	Yes	Yes	\$19.95	-	-	-	-
Spirit One Internet Services Inc	Portland, OR	503-240-8200	spiritone.com	MCI/UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No	-	-	-	25.00	LucK56flex
Taylor Online!!	Hubbard, OR	503-981-8173	tcfarm.com	UUNET	1.544	90	No	No	\$13.95	30	-	-	-
Teleport Internet Services	Portland, OR	503-223-0076	teleport.com	Sprint/MCI	6.176	1600	No	No	\$21.00	120	-	-	-
Transport Logic	Portland, OR	503-243-1940	transport.com	Sprint/MCI/UUNET/MAE East	0.099	9999	Yes	Yes	\$15.00	40	\$1.00	-	-
Triax Internet Services	Portland, OR	503-598-8634	triax.com	MCI	1.544	288	No	No	\$19.95	-	-	-	-
VastNet	Canby, OR	503-263-0912	vastnet.com	MCI	0.099	9999	No	No	\$5.95	5	\$1.00	-	-
VOYAGER INTERNET SERVICES	Salem, OR	503-364-2848	viser.net	Sprint/AGIS	20.000	150	Yes	Yes	\$19.95	-	-	19.95	x2
Willamette Valley Internet	Stayton, OR	503-769-3331	wvi.com	Sprint	1.544	110	No	Yes	\$18.00	40	-	-	-
WorldStar Communications Corp	Wilsonville, OR	503-639-6827	worldstar.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-

INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-	-	-
A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	-	-	30.00	Rock56flex
Blue Mountain Internet	Walla Walla, WA	509-522-5006	bmni.net	MCI	4.632	350	Yes	No	\$19.95	-	-	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-	-	-
CDS INTERNET	Medford, OR	541-773-9600	cdsnet.net	Sprint/MCI/BBN	4.632	68	Yes	Yes	\$19.95	-	-	-	-	39.95	x2
CLIPPERNET INTERNET SERVICES	Eugene, OR	541-431-3360	clipper.net	MCI	3.088	120	Yes	No	\$19.95	-	-	-	-	29.95	Rock56flex
Compass Communications	Seattle, WA	206-812-1500	ccom.net	UUNET	45.000	-	Yes	No	-	-	-	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
Direct NET Communications	Albany, OR	541-928-7704	dnc.net	MCI/Sprint	3.088	136	No	Yes	\$17.50	-	-	-	-	-	-
E-Z Net	Vancouver, WA	360-260-1122	e-z.net	MCI	1.544	150	No	No	\$9.95	30	\$0.45	-	-	-	-
Empire Net Inc	Bend, OR	541-317-3437	empnet.com	UUNET/BBN	11.544	120	Yes	No	\$30.00	-	-	-	-	-	-
Interconnected Associates	Seattle, WA	206-622-7337	ixa.net	UUNET/MCI/Sprint/AGIS	18.264	-	Yes	No	-	-	-	-	-	-	-
Internet Central	Seattle, WA	206-720-9892	oo.net	UUNET/MCI/Sprint	0.099	9999	Yes	Yes	\$30.00	-	-	-	-	-	-
NetConnect	The Dalles, OR	541-298-4638	netcnct.net	UUNET	0.099	9999	No	No	\$20.00	60	\$1.00	-	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-	-	-	-
Northwest Nexus Inc	Bellevue, WA	206-455-3505	nwnexus.com	UUNET/Sprint/MCI	10.808	692	Yes	Yes	\$30.00	-	-	-	-	-	-
One World Internetworking Inc	Corvallis, OR	541-758-1112	oneworld.com	Sprint	0.099	9999	No	No	\$10.00	5	-	-	-	-	-
Online One	Battle Ground, WA	360-696-1003	aone.com	Sprint	0.099	9999	Yes	No	\$20.00	120	\$1.00	-	-	-	-
PACIFIER COMPUTERS	Vancouver, WA	360-254-3886	pacifier.com	MAE West	3.088	668	Yes	Yes	\$19.95	-	-	-	-	19.95	x2
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-	-	-
WLN (Western Library Network)	Lacey, WA	360-923-4000	wln.com	MCI/Sprint	3.088	60	Yes	No	\$20.00	40	\$1.00	-	-	-	-
Wolfe Internet Access	Seattle, WA	206-812-4000	wolfenet.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
World Access Network Inc	La Center, WA	360-263-8000	worldaccess.com	UUNET	0.099	9999	No	No	\$25.00	60	\$1.00	-	-	-	-

504 Area Code ♦ LOUISIANA

Absorb.Com	New Orleans, LA	504-488-1177	absorb.com	MCI	1.544	24	No	No	\$19.95	-	-	-	-	-	-
Acadian Internet Access	Metairie, LA	504-888-1236	acadiacom.net	Sprint/UUNET	3.088	152	No	Yes	\$18.75	-	-	-	-	-	-
ACCESSCOM	Metairie, LA	504-887-0022	accesscom.net	Sprint/MCI	3.088	124	Yes	Yes	\$8.95	9	\$1.50	34.95	-	-	x2
CAJUN.NET	Houma, LA	504-868-7856	cajun.net	UUNET/MCI	3.088	220	Yes	Yes	\$29.95	-	-	29.95	-	-	x2
CommNet Data Systems	New Orleans, LA	504-571-2300	comm.net	Sprint/MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
Communique Inc	New Orleans, LA	504-527-6200	communique.net	UUNET/GoodNet	11.544	660	Yes	Yes	\$25.00	-	-	-	-	-	-
Corporate Communications Technology	New Orleans, LA	504-585-7303	ccti.net	Sprint	3.088	46	Yes	Yes	\$40.00	-	-	-	-	-	-
Cyberview LLC	Baton Rouge, LA	504-296-0080	cyberview.net	UUNET	1.544	35	No	Yes	\$24.95	-	-	-	-	-	-
Gulf South Internet Services	Metairie, LA	504-885-1352	gs.net	UUNET	0.099	9999	No	No	\$24.95	-	-	-	-	-	-
I-10 Netway, Inc.	Metairie, LA	504-885-0033	i-10.net	UUNET	1.544	46	No	No	\$19.95	-	-	-	-	-	-
INTERNET WORKS, INC.	New Orleans, LA	504-581-4638	iworks.net	GoodNet	11.544	24	Yes	Yes	\$20.00	-	-	35.00	-	-	x2
InterSurf Online Inc	Baton Rouge, LA	504-755-0500	intersurf.com	MCI	1.544	198	Yes	Yes	\$24.95	-	-	-	-	-	-
Lanyap Internet Services	New Orleans, LA	504-522-0708	lanyap.com	MCI	1.544	16	Yes	No	\$25.00	-	-	-	-	-	-
NeoSoft, Inc.	New Orleans, LA	504-539-9235	no.neosoft.com	MCI	13.440	200	Yes	Yes	\$18.95	-	-	-	-	-	-
New Orleans Gateway L.L.C.	New Orleans, LA	504-241-7440	gateway.net	GoodNet	1.544	28	No	Yes	\$19.95	-	-	-	-	-	-
Northshore Internet	Covington, LA	504-867-8008	ni-inc.com	UUNET	1.544	144	Yes	Yes	\$30.00	-	-	-	-	-	-
PREMIERONE	Baton Rouge, LA	504-751-8080	premier.net	UUNET/GoodNet	3.088	294	Yes	Yes	\$19.95	-	-	25.00	-	-	Luck56flex
SLIDELL.COM INC	Slidell, LA	504-649-9141	slidell.com	UUNET	11.544	288	Yes	Yes	\$25.00	-	-	25.00	-	-	Rock56flex
Southern Star	Metairie, LA	504-888-3348	sstar.com	GoodNet/UUNET	11.544	15	No	Yes	\$25.00	200	\$0.25	-	-	-	-
Techworks & AssurTech	Covington, LA	504-867-9486	nternet.com	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-	-
The Challenger Network	Baton Rouge, LA	504-291-4000	challenger.net	MCI	1.544	40	No	No	\$19.99	-	-	-	-	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-	-	-
DataStar, Inc.	Picayune, MS	601-799-2439	datastar.net	UUNET	0.099	9999	Yes	No	\$25.00	-	-	-	-	-	-
Emerald OnRamp	Mercer Island, WA	206-324-6666	eor.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-	-	-
FIRSTNET OF ACADIANA INC	Lafayette, LA	318-289-0125	1stnet.com	Sprint	1.544	50	Yes	No	\$25.00	-	-	25.00	-	-	x2
GROUND ZERO COMMUN.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	-	-	Luck56flex
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
504 Area Code ♦ LOUISIANA													
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
LinkNet Internet Services	Alexandria, LA	318-442-5465	linknet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
NSE Internet Service Inc	Biloxi, MS	601-374-6510	nse.com	MCI	3.088	88	Yes	Yes	\$17.95	-	-	-	-
NeoSoft Inc	Houston, TX	713-968-5800	neosoft.com	MCI	0.099	9999	Yes	Yes	\$18.95	-	-	-	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-

505 Area Code ♦ NEW MEXICO													
Cibola Internet Services	Grants, NM	505-287-2159	7cities.net	ANS	3.088	30	Yes	No	\$29.95	-	-	-	-
COMMUNITY INTERNET ACCESS	Gallup, NM	505-863-2424	cia-g.com	ANS	1.544	156	No	No	\$25.00	-	-	25.00	Rock56flex/LucK56flex
Computer Network Service Profess.	Santa Fe, NM	505-986-1669	cnsf.com	ANS	1.544	15	No	No	\$15.00	-	-	-	-
CyberPort Station	Farmington, NM	505-324-6400	cyberport.com	ANS	3.088	76	No	No	\$14.75	20	\$0.75	-	-
Desert Rain Internet Service	Santa Fe, NM	505-988-1100	dsrt.com	CRL	1.544	15	No	No	\$20.00	-	-	-	-
ESPAÑOLA INTERNET	Espanola, NM	505-753-9771	espanola.com	MCI	3.088	100	Yes	No	\$25.00	80	\$0.99	30.00	x2
I-NET of New Mexico	Clovis, NM	505-762-5817	3lefties.com	MCI	1.544	150	Yes	No	\$24.99	-	-	-	-
Internet Pathways, Inc.	Albuquerque, NM	505-881-3748	ipathways.com	MCI	45.000	40	Yes	No	\$16.95	-	-	-	-
Internet de Las Cruces	Las Cruces, NM	505-525-8578	lascruces.com	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
New Mexico Internet Access Inc	Albuquerque, NM	505-247-0888	nmia.com	ANS	0.099	9999	Yes	Yes	\$25.00	120	-	-	-
New Mexico Technet	Albuquerque, NM	505-345-6555	technet.nm.org	ANS/CRL	45.000	172	Yes	No	\$24.95	50	\$1.50	-	-
ONRAM INC.	Cloudcroft, NM	505-682-1122	nmex.com	UUNET	45.000	256	No	No	\$18.95	-	-	-	-
ProDesign Inc	Albuquerque, NM	505-271-5858	nmol.com	DataXchange	1.544	24	No	No	\$19.95	-	-	-	-
Roadrunner Computer Systems	Santa Fe, NM	505-988-5578	roadrunner.com	Sprint	0.099	9999	No	No	\$10.00	10	\$2.25	-	-
Rt66.COM	Albuquerque, NM	505-343-1060	rt66.com	Sprint	0.099	9999	No	No	\$17.95	-	-	-	-
Santa Fe Online, Inc.	Santa Fe, NM	505-988-1720	stol.com	ANS	0.384	6	No	No	\$24.00	-	-	-	-
Shark Byte	Las Cruces, NM	505-527-0011	greatwhite.com	Sprint	1.544	64	No	No	\$20.00	-	-	-	-
Southwest Cyberport	Albuquerque, NM	505-293-5967	swcp.com	ANS	1.544	140	Yes	No	\$12.00	16	\$0.75	-	-
studio x inc	Santa Fe, NM	505-438-0505	nets.com	ANS	1.544	20	No	No	\$15.00	40	\$1.00	-	-
SuperNet of Las Cruces Inc	Las Cruces, NM	505-526-4000	netsteps.com	MCI	1.544	252	Yes	Yes	\$20.00	-	-	-	-
TWR Communications	Albuquerque, NM	505-839-4434	wizrealn.com	ANS	1.544	50	No	No	\$15.99	720	-	-	-
Thunder Network Technologies	Albuquerque, NM	505-889-4935	thuntek.net	ANS	0.512	52	Yes	No	\$17.00	-	-	-	-
TOTAL ACCESS	Las Cruces, NM	505-523-2000	totacc.com	Sprint	1.544	300	Yes	No	\$20.00	-	-	20.00	x2
US1 Internet	Albuquerque, NM	505-299-7447	us1.net	ANS	0.099	9999	No	No	\$9.28	38	-	-	-
Wayfarer Data Service	Alamogordo, NM	505-434-8811	wayfarer1.com	ANS	0.099	9999	No	No	\$21.24	6	\$1.00	-	-
Wazoo's Computers	Alamogordo, NM	505-434-5090	wazoo.com	ANS	1.544	78	No	No	\$20.00	-	-	-	-
Yucca Telecommunications Systems	Portales, NM	505-356-6462	yucca.net	UUNET	0.099	9999	No	No	\$11.95	20	\$2.00	-	-
ZiaNet, Inc.	Las Cruces, NM	505-522-1234	zianet.com	ANS	1.544	280	No	No	\$20.00	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
DIGITAL ZONE	El Paso, TX	915-751-0131	dzn.com	DataXchange	3.088	207	No	Yes	\$19.95	-	-	19.95	Rock56flex
Internet Express	Colorado Springs, CO	719-592-1240	usa.net	ANS	0.099	9999	No	No	\$39.95	50	\$1.25	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5	\$2.00	-	-
West Texas ACCESS	Andrews, TX	915-524-5777	wtaccess.com	Sprint	1.544	80	No	No	\$22.95	-	-	-	-
WhiteHorse Communications Inc	El Paso, TX	915-584-6630	whc.net	AGIS	1.544	255	Yes	Yes	\$14.95	-	-	-	-

506 Area Code ♦ NEW BRUNSWICK													
auracom	Halifax, NS	902-429-0222	auracom.com	MCI	0.099	9999	No	No	\$24.95	60	\$1.50	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-

iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	ISTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
North Shore Internet Services	New Glasgow, NS	902-928-0565	nsis.com	UUNET	0.099	9999	Yes	No	\$24.95	60	\$1.00	-	-

507 Area Code ♦ MINNESOTA

Desktop Media	Albert Lea, MN	507-373-2155	deskmedia.com	MCI	3.088	162	Yes	Yes	\$19.95	-	-	-	-
Internet Connections Inc	Mankato, MN	507-625-7320	internet-connections.net	Sprint	3.088	208	Yes	Yes	\$15.00	100	\$1.00	-	-
Local Link, Inc	Owatonna, MN	507-451-9397	ll.net	MCI/Sprint	3.088	75	No	No	\$19.95	-	\$1.00	-	-
Luminet Inc	Winona, MN	507-454-8881	luminet.net	Sprint	0.099	9999	No	No	\$15.00	10	\$1.00	-	-
MicroAssist, Inc.	Northfield, MN	507-663-1792	microassist.com	MCI	1.544	30	No	No	\$25.00	-	-	-	-
Millennium Communications Inc	Rochester, MN	507-282-8943	millcomm.com	MCI	1.544	114	Yes	Yes	\$20.00	150	\$0.75	-	-
NetPoint	Marshall, MN	507-532-9641	starpoint.net	MCI	1.544	50	Yes	Yes	\$19.95	-	-	-	-
Prairie Lakes Internet	Mankato, MN	507-386-0444	lakes.com	MCI	0.099	9999	No	Yes	\$17.95	150	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
Century Telephone of Wisconsin	La Crosse, WI	608-796-5300	centuryinter.net	UUNET	1.544	216	Yes	Yes	\$9.95	10	\$1.95	-	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
ENTERPRISE NETWORK SYSTEMS	Eagan, MN	612-683-9141	ens.net	Sprint	1.544	28	Yes	No	\$25.00	120	\$2.50	45.00	x2
Frontier Communications of MN	Burnsville, MN	612-435-1504	mn.frontiercomm.net	MCI	1.544	384	Yes	No	\$19.95	-	-	-	-
incNET Inc	Eden Prairie, MN	612-943-3946	incnet.com	MCI	1.544	22	Yes	Yes	\$2.00	-	-	-	-
InterNetwork Services	Maple Grove, MN	612-391-7300	inet-serv.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
J. River Inc	Minneapolis, MN	612-339-2521	jriver.com	Sprint	1.544	-	Yes	No	-	-	-	-	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex
Minnesota Regional Network	Minneapolis, MN	612-362-5800	mr.net	MCI/Sprint	0.099	9999	No	No	\$29.00	120	\$2.00	-	-
Minnetonka Micro Management	Minnetonka, MN	612-938-5234	minnmicro.com	Sprint	1.544	40	Yes	Yes	\$22.95	140	\$1.00	-	-
Spacestar Communications	Eden Prairie, MN	612-996-0000	spacestar.net	MCI/Sprint/MCI/Sprint	0.099	9999	Yes	Yes	\$8.95	15	\$1.00	-	-
STARNET INTERNET SERVICES	Eau Claire, WI	715-830-7827	eau.net	Sprint/MCI/BBN	4.632	240	Yes	Yes	\$18.95	-	-	18.95	Rock56flex

508 Area Code ♦ MASSACHUSETTS

Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Andonet Inc.	Andover, MA	508-794-8242	andonet.com	MCI/MCI	1.672	70	No	Yes	\$14.95	-	-	-	-
Argo Communications	Mansfield, MA	508-538-3167	argo.net	AGIS	1.544	50	No	No	\$22.00	-	-	-	-
CAPEInternet	Osterville, MA	508-420-4700	capecod.net	UUNET	3.088	775	Yes	Yes	\$18.95	-	-	-	-
CCS World	Mashpee, MA	508-477-6181	ccsnet.com	UUNET	1.544	30	No	No	\$19.95	-	-	-	-
CMS on.the.net	Hyannis, MA	508-778-0013	cms.net	Sprint	0.099	9999	No	No	\$26.00	-	-	-	-
Cape.Com Inc	Cotuit, MA	508-420-2888	cape.com	Sprint	0.384	40	No	No	\$24.00	100	\$1.00	-	-
Chelmsford On-Line Services	N Chelmsford, MA	508-251-1938	chelmsford.com	BBN	1.544	64	No	No	\$18.00	-	-	-	-
Cove Communications	Salem, MA	508-741-5300	cove.com	UUNET	1.544	87	Yes	Yes	\$20.00	30	\$25.00	-	-
Global Communications INTERNET	Lowell, MA	508-323-0300	glci.net	UUNET	45.000	48	Yes	No	\$19.50	-	-	-	-
GREENNET	West Newbury, MA	508-363-8898	greennet.net	UUNET	1.544	442	Yes	Yes	\$19.95	100	\$0.50	45.00	x2
Hey Communications Inc	Sturbridge, MA	508-347-1800	hey.net	Sprint	1.544	66	No	No	\$24.95	-	-	-	-
Internet Exchange Ltd	Natick, MA	508-647-4726	ixl.net	UUNET	0.099	9999	No	Yes	\$23.95	100	-	-	-
MEGANET COMMUNICATIONS	Fall River, MA	508-646-0030	meganet.net	MCI	1.544	96	Yes	No	\$25.00	200	\$2.50	25.00	Rock56flex
NET1Plus	Lunenburg, MA	508-343-3011	net1plus.com	UUNET/Sprint	1.672	548	Yes	Yes	\$19.95	200	-	-	-
Nantucket.net	Nantucket, MA	508-228-6777	nantucket.net	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
NetWay By MDC, Inc.	North Andover, MA	508-557-0097	netway.com	UUNET/DIGEX	3.088	274	Yes	No	\$19.95	-	-	-	-
NETWORKX INTERNET SERVICES	Newburyport, MA	508-462-4000	worx.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Network Data Link Inc	Framingham, MA	508-877-7663	ndl.net	UUNET/MCI	3.088	76	Yes	Yes	\$15.00	60	\$1.00	-	-
Network Innovations, Inc.	Beverly, MA	508-922-1269	nii.net	Sprint	1.544	24	No	No	\$20.00	-	-	-	-
Orbit Systems	Worcester, MA	508-753-8776	os.com	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
PICTAC	North Dartmouth, MA	508-999-1565	pictac.com	UUNET	0.384	50	No	No	\$19.95	-	-	-	-
Privateer Systems	Sagamore Beach, MA	508-722-7256	privateer.org	MCI	0.099	9999	No	No	\$25.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
508 Area Code ♦ MASSACHUSETTS													
Race Communications	Leominster, MA	508-840-2076	rclink.net	Sprint	1.544	220	Yes	Yes	\$19.95	-	-	-	-
Solutions Plus Inc.	Worcester, MA	508-756-7600	splusnet.com	UUNET	0.099	9999	No	No	\$20.00	100	\$1.00	-	-
The FOURnet Information Network	West Wareham, MA	508-295-4139	four.net	MCI	45.000	256	No	No	\$20.00	360	-	-	-
The Internet Connection Inc	Mansfield, MA	508-261-0383	ici.net	Sprint/MCI	0.099	9999	Yes	No	\$19.95	100	\$0.50	-	-
USAInternet Inc	Danvers, MA	508-777-2600	usa1.com	MCI/Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Ultraneet Communications Inc	Marlborough, MA	508-229-8400	ultranet.com	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-
Vineyard.NET	Vineyard Haven, MA	508-696-6688	vineyard.net	Sprint	0.099	9999	No	No	\$29.00	100	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Advanced Communications Sys Inc	Woburn, MA	617-935-3544	star.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
BBIS Communications Inc	Marblehead, MA	617-639-9590	boston.sisna.com	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
brainiac services Inc	Greene, RI	401-539-9050	brainiac.com	BBN	1.544	46	Yes	Yes	\$16.00	50	\$0.60	-	-
BusinessOn Corporation Inc	Providence, RI	401-521-2111	businesson.com	MCI	1.544	30	Yes	Yes	\$15.00	30	\$0.25	-	-
BX.COM, Inc.	Providence, RI	401-861-0081	bx.net	MCI	1.544	-	Yes	No	-	-	-	-	-
Complete Internet Access Inc	Cambridge, MA	617-225-4100	thecia.net	MCI/CWIX	20.000	7000	Yes	Yes	\$18.95	-	-	-	-
Cyber Access	Medford, MA	617-396-0491	cybercom.net	MCI	0.099	9999	No	No	\$24.95	-	-	-	-
Datablast	Waltham, MA	617-487-0004	datablast.net	UUNET/Sprint	45.000	100	No	No	\$14.95	-	-	-	-
Dream Communications	Cohasset, MA	617-383-9200	dreamcom.com	MAE East	45.000	156	Yes	Yes	\$18.95	-	-	-	-
EDGENET	Westerly, RI	401-348-6000	edgenet.net	BBN	45.000	826	Yes	Yes	\$18.95	-	-	18.95	Rock56flex/LucK56flex
Galaxy Internet Services	Needham, MA	617-433-5500	gis.net	AGIS	7.720	650	No	No	\$9.95	-	-	-	-
GreenHorse Communications, Inc.	Greenland, NH	603-433-2499	greenhorse.net	MCI	3.088	-	Yes	No	-	-	-	-	-
HARVARDNET	Boston, MA	617-531-2001	harvard.net	UUNET	45.000	72	Yes	No	-	-	-	35.00	x2
INTAP, LLC	Providence, RI	401-276-4700	intap.net	MCI	1.544	600	Yes	Yes	\$19.95	-	-	-	-
InterWebb Communications Corp	Concord, NH	603-798-4477	interwebb.com	MCI	3.088	200	Yes	No	\$19.95	-	-	-	-
INTERNET SRVS. OF NEW ENG.	Merrimack, NH	603-424-5278	isone.com	Sprint	1.544	72	Yes	Yes	\$18.00	70	\$0.25	34.00	Rock56flex
Log On America	Providence, RI	401-453-6100	loa.com	MCI	0.099	9999	No	Yes	\$19.99	125	\$1.00	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
MV Communications Inc	Manchester, NH	603-429-2223	mv.com	Sprint	0.099	9999	Yes	No	\$20.00	100	\$0.50	-	-
Mnematics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504	-	-	-
MULTIPLATFORM INFOR. SYS.	Nashua, NH	603-891-1682	token.net	UUNET/MCI	4.632	1925	Yes	Yes	\$20.00	-	-	40.00	Rock56flex
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
Prime Connections, Inc.	Wakefield, MA	617-224-4321	prime-x.net	MCI	1.544	48	No	No	\$19.95	-	-	-	-
Saturn Internet Corp	Johnston, RI	617-451-9121	saturn.net	AGIS	0.099	9999	No	No	\$19.95	50	-	-	-
ShaysNet	Greenfield, MA	413-772-2923	shaysnet.com	UUNET	1.544	55	No	Yes	\$20.00	-	-	-	-
Software Tool & Die	Brookline, MA	617-739-0202	std.com	UUNET	0.099	9999	No	No	\$25.00	50	\$0.50	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-
The Destek Group Inc	Nashua, NH	603-594-9630	destek.net	UUNET	0.099	-	Yes	No	-	-	-	-	-
The Xensei Corp	Quincy, MA	617-376-6342	xensei.com	MCI/UUNET	3.088	50	Yes	No	\$25.00	-	-	-	-
ValiNet Inc	Greenfield, MA	413-772-8744	valinet.com	MCI	3.088	430	Yes	Yes	\$18.00	-	-	-	-
Web Services International Inc	Middletown, RI	401-845-8800	wsii.com	UUNET	3.088	305	No	Yes	\$19.95	-	-	-	-
WebSecure Inc	Saugus, MA	617-867-2300	websecure.net	MAE East/MAE West	45.000	-	Yes	No	-	-	-	-	-
Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-
WorldNET	Norwood, MA	617-551-9977	wn.net	CWIX/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-

509 Area Code ♦ WASHINGTON

ARIAS Inc	Spokane, WA	509-536-9541	arias.net	Sprint	0.099	9999	No	No	\$14.95	-	-	-	-
AT.NET CONNECTIONS INC	Moses Lake, WA	509-766-7253	atnet.net	Sprint	0.512	34	No	No	\$25.00	-	-	300.00	x2
BOSS INTERNET GROUP, LLC	Pasco, WA	509-547-8896	cbvcp.com	Sprint/MCI/UUNET	4.632	276	Yes	No	\$19.95	-	-	39.95	x2
Blue Mountain Internet	Walla Walla, WA	509-522-5006	bmi.net	MCI	4.632	350	Yes	No	\$19.95	-	-	-	-
Cascade Connections Inc	Wenatchee, WA	509-663-4259	cascade.net	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
CompuTech - Internet Eng. Associates	Spokane, WA	509-624-6798	iea.com	Sprint/MCI/UUNET	0.099	9999	Yes	Yes	\$20.00	120	\$50.00	-	-
Cutting Edge Communications, Inc.	Otis Orchards, WA	509-927-9541	cet.com	MCI	10.000	279	Yes	Yes	\$17.50	300	\$0.15	-	-
Data Source Llc	Spokane, WA	509-744-3160	dsourc.com	MCI/UUNET/Sprint	4.632	23	Yes	Yes	-	-	-	-	-
FrostByte Computer Services	Winthrop, WA	509-996-3372	methow.com	Sprint	45.000	20	No	No	\$22.00	100	\$0.60	-	-
FutureLink	Spokane, WA	509-466-3535	thefuture.net	BBN	1.544	64	No	No	\$18.50	90	\$0.50	-	-
Great Northern Technologies	Spokane, WA	509-534-8077	gnitech.net	Sprint	1.544	62	Yes	Yes	\$19.95	120	\$0.50	-	-
Information Mini-Mall	Spokane, WA	509-747-1732	imm.com	MCI	3.088	190	Yes	Yes	\$20.00	-	-	-	-
InterLink Services Inc	Spokane, WA	509-465-1234	intrlink.net	MCI/UUNET	3.088	56	No	No	\$19.95	120	\$0.50	-	-
INTERNET ACCESS CORP.	Spokane, WA	509-994-6663	pacnw.com	UUNET/UUNET	45.000	4	No	No	\$19.95	720	-	1.00	x2/RocK56flex/LucK56flex
Internet Connection, Inc	Spokane, WA	509-922-0417	eznet.com	MCI	0.099	9999	No	No	\$18.95	-	-	-	-
Internet Expressway	Spokane, WA	509-891-4306	ieway.com	MCI	1.544	210	Yes	Yes	\$19.95	140	\$0.50	-	-
Internet On-Ramp Inc	Spokane, WA	509-624-7267	ior.com	Sprint	1.544	165	Yes	Yes	\$19.95	-	-	-	-
Internet of Yakima	Yakima, WA	509-457-2199	ewa.net	BBN	1.544	24	Yes	No	\$14.99	-	-	-	-
Next Dimension Internet	Spokane, WA	509-927-4320	nextdim.com	MCI	3.088	40	No	No	\$17.99	-	-	-	-
Northwest Internet Access Inc	Wenatchee, WA	509-663-5700	nwi.net	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
P.O.W.E.R. Net Inc	Spokane, WA	509-891-5008	poweramp.net	MCI	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Quicksilver Online Services Inc.	Moses Lake, WA	509-766-5859	qwklsivr.com	Sprint	0.512	16	No	No	\$20.00	-	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-
WEB-STER Corp	Yakima, WA	509-575-4742	webstercorp.com	MCI	1.544	45	Yes	No	\$18.95	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	30.00	RocK56flex
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Compass Communications	Seattle, WA	206-812-1500	ccom.net	UUNET	45.000	-	Yes	No	-	-	-	-	-
Digital Marketing Inc. (DMI)	Coeur D Alene, ID	208-664-1340	dmi.net	MCI	4.632	205	Yes	No	\$10.00	30	\$1.00	-	-
First Step Internet	Moscow, ID	208-882-8869	fsr.net	BBN	1.544	200	Yes	No	\$15.00	-	-	15.00	-
Gorge Networks	Hood River, OR	541-386-8300	gorge.net	Sprint/MCI	3.088	75	Yes	No	\$19.95	60	\$1.00	-	-
HIBEK Internet	Lewiston, ID	208-746-0804	hibek.net	MCI	1.544	48	No	No	\$30.00	100	\$2.95	-	-
InterBytes Corp	Portland, OR	503-224-2169	bytes.net	MCI/UUNET	0.099	9999	Yes	No	\$30.00	60	\$1.00	-	-
Interconnected Associates	Seattle, WA	206-622-7337	ixa.net	UUNET/MCI/Sprint/AGIS	18.264	-	Yes	No	-	-	-	-	-
LinkPort Communications	Hood River, OR	541-386-5332	linkport.com	Sprint/MCI/Sprint/UUNET	14.632	360	Yes	No	\$24.95	-	-	-	-
NET-ONE	Kirkland, WA	206-747-7777	net-one.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Netlink Inc	Coeur D Alene, ID	208-769-7003	nidlink.com	MCI	10.780	397	Yes	No	\$21.95	-	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-	-
Pacific Rim Network Inc	Bellingham, WA	360-650-0442	pacificrim.net	Sprint/MCI/UUNET/AGIS	45.000	5750	Yes	Yes	\$12.95	-	-	-	-
RMC Internet Services	Boise, ID	208-336-9200	rmci.net	Sprint	1.544	410	Yes	Yes	\$9.95	10	\$1.00	-	-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No	-	-	-	25.00	LucK56flex
Triax Internet Services	Portland, OR	503-598-8634	triax.com	MCI	1.544	288	No	No	\$19.95	-	-	-	-
Tribune Internet Services	Lewiston, ID	208-743-9411	ltribune.com	Sprint	3.088	999	No	No	\$15.00	-	-	-	-
Valley InterNet, Inc.	Lewiston, ID	208-746-7737	valint.net	Sprint	1.544	100	Yes	No	\$19.95	-	-	-	-
WLN (Western Library Network)	Lacey, WA	360-923-4000	wln.com	MCI/Sprint	3.088	60	Yes	No	\$20.00	40	\$1.00	-	-
Wolfe Internet Access	Seattle, WA	206-812-4000	wolfe.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-

510 Area Code ♦ CALIFORNIA

Advanced Software Technology	Alameda, CA	510-523-6700	bayweb.net	CIX	0.099	9999	Yes	No	\$19.95	150	\$0.50	-	-
Alameda Networks, Inc.	Alameda, CA	510-769-2936	alameda.net	MAE East	3.088	48	Yes	Yes	-	-	-	-	-
Autobahn Internet Solutions	Berkeley, CA	510-644-2204	autobahn.org	BBN	0.099	9999	No	No	\$14.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
510 Area Code ♦ CALIFORNIA													
Barron Communications Group	Alameda, CA	510-521-7144	bog.net	MCI	1.544	84	Yes	Yes	\$19.00	-	-	-	-
CCnet Inc	Walnut Creek, CA	510-988-0680	ccnet.com	IBM/Verio	45.000	950	Yes	Yes	\$19.95	150	\$0.50	-	-
Computer Contraptions	Brentwood, CA	510-516-0135	cctrp.com	AGIS	0.099	9999	No	Yes	\$19.95	10	\$2.95	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
E-Fax Communications Inc	Oakland, CA	510-836-6000	efaxinc.com	MCI	0.099	9999	No	No	\$16.95	-	-	-	-
EMPaC International Corp	Fremont, CA	510-683-8800	emplink.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
East Bay Net	Kensington, CA	510-559-5555	vdn.com	AGIS	1.544	32	No	Yes	\$22.50	-	-	-	-
East County Internet Svcs Inc	Antioch, CA	510-706-4280	ecis.com	UUNET	1.544	276	No	Yes	\$19.95	-	-	-	-
Emf.net	Berkeley, CA	510-704-2929	emf.net	MCI	1.544	2	Yes	Yes	-	-	-	-	-
GLP Aerie Inc.	Livermore, CA	510-455-4457	gleep.com	MAE West/CWIX	7.720	50	Yes	No	\$15.00	-	-	-	-
GST Net	Fremont, CA	510-792-0768	gst.net	MCI	0.384	8	No	No	\$5.95	5	\$2.00	-	-
Global Infonet Inc	Oakland, CA	510-658-2177	california.com	UUNET	1.544	150	No	No	\$15.00	-	-	-	-
High Concept Enterprises	San Leandro, CA	510-352-7633	majomet.com	MCI	1.544	30	No	No	\$17.95	-	-	-	-
Idiom Consulting	Oakland, CA	510-658-5700	idiom.com	UUNET	1.544	96	Yes	Yes	\$30.00	240	\$0.25	-	-
InfoLane Corp	Fremont, CA	510-797-8086	infolane.com	UUNET/MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Internet Frontier	Walnut Creek, CA	510-938-2925	internet-frontier.net	UUNET	1.544	112	No	Yes	\$17.95	-	-	-	-
LanMinds Inc	Berkeley, CA	510-843-6389	lanminds.com	UUNET/Sprint	6.176	164	No	Yes	\$20.00	-	-	-	-
Megamedia Corp	Fremont, CA	510-623-1100	megamed.com	MCI	0.099	9999	No	No	\$17.95	-	-	-	-
Microweb Communications	Richmond, CA	510-412-5791	microweb.com	AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-
Net Vista	Concord, CA	510-688-4600	netvista.net	AGIS/MCI	3.088	80	No	No	\$19.95	120	\$0.50	-	-
Network Architects	San Ramon, CA	510-855-4900	archnet.com	UUNET	0.099	9999	Yes	Yes	-	-	-	-	-
NORCOV RESEARCH	El Cerrito, CA	510-559-9645	norcov.com	UUNET	0.128	48	No	Yes	\$20.00	300	\$0.50	20.00	x2
NOTHING BUT NET	Dublin, CA	510-828-0664	nothingbutnet.net	AGIS	1.544	66	Yes	Yes	\$19.95	-	-	29.95	x2
Parker Net	Berkeley, CA	510-548-4723	parker.net	UUNET	1.544	-	Yes	No	-	-	-	-	-
Prado Internet Access Inc	Hayward, CA	510-889-5200	prado.com	AGIS	0.099	9999	No	Yes	\$24.00	-	-	-	-
Silicon Connections	Moraga, CA	510-631-0101	silcon.com	MCI	1.544	70	No	Yes	\$19.95	-	-	-	-
Sine Wave Solutions LLC	El Sobrante, CA	510-970-7448	sinewave.com	AGIS	1.544	92	No	Yes	\$20.00	180	\$0.50	-	-
Surf Communications Inc	Berkeley, CA	510-649-4700	surf.com	UUNET	0.099	9999	No	Yes	-	-	-	-	-
Tri Valley Internet	Pleasanton, CA	510-417-7600	trivalley.com	MCI	1.544	16	No	No	\$19.95	-	-	-	-
U. C. Computers Inc	Berkeley, CA	510-649-6089	transbay.net	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.25	-	-
Value Net Internetwork Services	Walnut Creek, CA	510-943-5769	value.net	UUNET	1.544	300	No	Yes	\$20.00	-	-	-	-
Viper 1	Oakland, CA	510-535-0786	viper.net	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
WOLNET	Danville, CA	510-736-4376	wolnet.com	MCI	1.544	17	No	No	\$15.95	-	-	-	-
WINTERLAN INC	Berkeley, CA	510-486-1812	wli.net	MCI	1.544	575	Yes	Yes	\$30.00	-	-	30.00	Rock56flex
Zocalo	Berkeley, CA	510-540-8000	zocalo.net	UUNET	4.632	-	Yes	No	-	-	-	-	-
Zoom Information Services Inc	Fremont, CA	510-744-2300	zoom.com	UUNET	0.099	9999	No	Yes	\$25.00	-	-	-	-
22 Solutions	San Francisco, CA	415-431-9903	catch22.com	MCI	0.099	9999	No	Yes	\$22.00	-	-	-	-
A-Link Network Services Inc	Sunnyvale, CA	408-720-6161	alink.net	AGIS/Nap.Net	13.088	108	Yes	Yes	\$30.00	120	\$1.50	-	-
Able Technical Service	San Jose, CA	408-280-1000	ablecom.net	MCI	0.099	9999	No	Yes	\$25.00	-	-	-	-
ACCESS INTERNET COMMUN.	Cupertino, CA	408-777-8190	accesscom.com	BBN	1.544	168	No	No	\$24.95	-	-	24.95	x2
AccessPort	Santa Rosa, CA	707-522-5100	ap.net	UUNET	0.099	9999	No	Yes	\$20.00	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Aimnet Corp	Santa Clara, CA	408-567-3800	aimnet.com	AGIS/MAE West/Sprint/MCI	0.099	9999	Yes	Yes	\$30.00	-	-	-	-
ATLANTIS ONLINE	San Jose, CA	408-371-8259	atlantis-bbs.com	MCI	1.544	75	No	No	\$12.95	-	-	12.95	x2
Back Door Comp Svcs Inc	San Francisco, CA	415-756-2906	backdoor.com	UUNET	1.544	22	No	No	\$19.95	-	-	-	-
Bay Area Internet Solutions	Santa Clara, CA	408-260-5000	bayarea.net	MCI/UUNET	3.088	250	Yes	Yes	\$20.00	55	\$0.50	-	-
Best Internet Communications Inc	Mountain View, CA	415-964-2378	best.com	UUNET/MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-
Best/North Bay Network	San Rafael, CA	415-472-1600	nbn.com	UUNET	0.099	9999	No	Yes	\$20.00	50	\$1.00	-	-
Best/TLGnet	Mountain View, CA	415-487-1902	tlg.net	UUNET	0.099	9999	No	No	\$25.00	25	\$1.00	-	-

BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95			19.95	Rock56flex/LucK56flex
Brainstorm Networks	Mountain View, CA	415-988-2900	brainstorm.net	AGIS/MAE West	11.544	-	Yes	No	-	-	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
CASTLES INFORMATION NTWK.	Fairfield, CA	707-422-7311	castles.com	UUNET/MCI	3.088	285	Yes	Yes	\$20.00	-	-	20.00	x2
Click.net	San Mateo, CA	415-579-4605	clicknet.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
Creative Strategies	San Francisco, CA	415-495-1811	creative.net	MCI/AGIS	3.088	103	No	Yes	\$15.00	320	\$1.00	-	-
DSP NET	San Francisco, CA	415-695-7714	dsp.com	MCI/UUNET	10.044	500	Yes	No	\$19.95	-	-	-	-
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-	-	-	-
EZ Surf Internet Communications	Foster City, CA	415-524-4888	ez-surf.net	AGIS	1.544	20	No	No	\$19.95	-	-	-	-
ElectriCiti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-
Faster Than Light	San Francisco, CA	415-334-2922	ftl.net	BBN	1.544	25	No	Yes	\$25.00	-	-	-	-
GALAXYNET TELECOMMUN.	Campbell, CA	408-559-5500	galaxy-net.net	Sprint/MAE West/MCI	45.000	16	Yes	No	\$29.95	-	-	39.95	x2
GeoNet Communications Inc.	Redwood City, CA	415-596-1700	geo.net	GeoNet	45.000	-	Yes	No	-	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
Grin Net, LLC.	San Francisco, CA	415-882-9922	grin.net	MAE West/UUNET	45.000	396	Yes	Yes	\$19.95	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
ISP Networks	San Francisco, CA	415-778-5100	isp.net	MCI/UUNET	13.088	1000	Yes	Yes	\$25.00	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/Rock56flex
INFOASIS	San Rafael, CA	415-459-7991	infoasis.com	BBN	2.056	173	Yes	Yes	\$22.00	100	\$2.00	22.00	Rock56flex
Infonet Communications Inc	Fresno, CA	209-446-2360	icinet.net	UUNET	0.099	9999	No	Yes	\$24.95	200	\$1.00	-	-
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	29.95	x2
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-
Internet Hotline	San Jose, CA	408-881-1000	ihot.com	CRL	1.544	500	Yes	No	\$20.00	-	-	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/Rock56flex
KudoNet On-Line Services	Sunnyvale, CA	408-738-1201	kudonet.com	MCI/UUNET	11.544	196	Yes	Yes	\$29.00	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
LineX Communications	San Rafael, CA	415-455-1650	linex.com	MCI	0.099	9999	No	Yes	\$24.00	150	-	-	-
Manteca Information Systems	Manteca, CA	209-239-2082	mistic.net	MCI	1.544	30	No	No	\$19.50	-	-	-	-
MediaCity World Inc	Mountain View, CA	415-237-1400	mediacity.com	MCI	45.000	473	Yes	Yes	\$9.95	10	\$2.00	-	-
Metricom Inc	Los Gatos, CA	408-399-8200	metricom.com	UUNET	0.099	9999	No	No	\$29.95	-	-	-	-
Mountain Customer Service	Brookdale, CA	408-338-2330	mtnweb.com	MAE East	0.099	9999	No	No	\$20.00	-	-	-	-
NANOSPACE INC.	Palo Alto, CA	415-833-8000	nanospace.com	Sprint/AGIS	3.088	144	Yes	No	\$18.95	-	-	18.95	Rock56flex
NETEASE	Santa Rosa, CA	707-569-5000	neteze.com	UUNET/MCI	4.000	275	Yes	Yes	\$12.86	-	-	12.86	x2/Rock56flex/LucK56flex
NETWIZARDS INC	Burlingame, CA	415-259-9526	netwizards.net	MCI	3.088	568	Yes	Yes	\$19.95	-	-	39.95	x2
Network Solutions Inc	Milpitas, CA	408-946-6895	inow.com	AGIS/UUNET	45.000	560	Yes	Yes	\$19.95	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
One-O Inc	Mountain View, CA	415-962-5300	one-o.com	MCI	1.544	20	Yes	No	\$25.00	-	-	-	-
Online Partners	San Francisco, CA	415-896-0908	gay.net	DataXchange	1.544	48	No	No	\$10.00	-	-	-	-
PCLNet.COM	Vallejo, CA	707-644-5172	pclnet.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
QuakeNet Technologies	San Mateo, CA	415-655-7100	quake.net	UUNET	0.099	9999	No	Yes	\$35.00	100	\$1.00	-	-
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	-	-	29.95	x2
SONNET Networking	Sonoma, CA	209-532-2750	sonnet.com	IBM	1.544	223	No	Yes	\$19.95	50	\$1.49	-	-
SRMC	San Jose, CA	408-437-1800	srmc.com	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Sirius Connections	San Francisco, CA	415-865-5000	sirius.com	UUNET/Sprint/MCI	6.176	864	Yes	No	\$18.95	-	-	-	-
Slip.Net	San Francisco, CA	415-281-3197	slip.net	BBN	45.000	748	Yes	Yes	\$19.95	-	-	-	-
TELEOLVE INC	San Francisco, CA	415-861-7712	sfo.com	UUNET/BBN	2.312	254	Yes	Yes	\$17.50	-	-	25.00	Rock56flex
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
The Internet MainStreet	Los Altos, CA	408-778-5803	mainstreet.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
The NetTech Group Inc	San Mateo, CA	415-655-2435	tngi.com	AGIS	3.088	52	Yes	Yes	\$14.95	30	\$1.00	-	-
Valuserve	Campbell, CA	408-341-0600	valuserve.com	CRL/UUNET	45.000	500	Yes	Yes	\$25.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
510 Area Code ♦ CALIFORNIA													
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200	\$1.00	-	-
Virtual Sites	San Francisco, CA	415-675-9991	v-site.net	UUNET	0.099	9999	No	Yes	\$50.00	150	\$1.50	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex
West Coast Online Inc	Rohnert Park, CA	707-586-3060	wco.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
WIRED INTERNET	Sacramento, CA	916-668-7650	wired2.net	MCI	44.600	192	No	No	\$17.50	-	-	17.50	x2
Wombat Internet Guild	Palo Alto, CA	415-462-8800	wombat.net	UUNET	0.099	9999	No	Yes	\$25.00	50	\$1.00	-	-
WorldPassage	Mill Valley, CA	415-381-2668	worldpassage.net	UUNET	1.544	64	No	No	\$17.95	-	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
zNET Internet Services, Inc.	Solana Beach, CA	619-755-7772	znet.com	UUNET/CRL	0.099	9999	Yes	No	\$17.50	10000	-	-	-

512 Area Code ♦ TEXAS

Bastrop Internet Services	Cedar Creek, TX	512-303-4000	bastrop.net	UUNET	1.544	32	No	Yes	\$24.95	-	-	-	-
Comland Internet Services Corp	Round Rock, TX	512-244-1625	comland.com	UUNET	1.544	164	Yes	Yes	\$13.50	150	\$1.20	-	-
COMMUTER COMMUN. SYS.	Austin, TX	512-257-2274	ccsi.com	UUNET	3.088	129	Yes	Yes	\$15.98	-	-	18.98	x2
COMPUBASIX	Corpus Christi, TX	512-884-9777	davlin.net	CRL	1.544	300	Yes	No	\$19.95	-	-	19.95	RocK56flex/LucK56flex
Database City	Austin, TX	512-485-7850	dbcity.com	Sprint	1.544	30	Yes	Yes	\$18.00	-	-	-	-
Eagle Nest Intelligence Inc	San Marcos, TX	512-393-3000	itouch.net	Sprint	1.544	48	Yes	No	\$29.95	-	-	-	-
Eden Matrix	Austin, TX	512-478-9900	eden.com	UUNET	4.632	440	Yes	Yes	\$18.50	-	-	-	-
Freestyle Communications Inc	Austin, TX	512-458-9810	fc.net	UUNET/MCI/Sprint	12.352	65	Yes	No	\$20.00	60	\$0.50	-	-
Georgetown Internet Services	Georgetown, TX	512-869-8265	gtwn.net	Sprint	1.544	24	Yes	No	\$19.95	-	-	-	-
Illuminati Online	Austin, TX	512-462-0999	io.com	Sprint/MCI/UUNET	4.632	294	Yes	Yes	\$18.00	40	\$0.50	-	-
Interconnect Services Inc	Corpus Christi, TX	512-884-3447	interconnect.net	BBN	1.544	288	Yes	Yes	\$19.95	-	-	-	-
Internet Connect Services Inc	Victoria, TX	512-572-9987	icis.net	Sprint	1.544	430	No	Yes	\$24.00	-	-	-	-
Iris Internet Solutions	Corpus Christi, TX	512-884-9000	ciris.net	MCI	1.544	41	Yes	Yes	\$20.00	-	-	-	-
Jump Point Communications	Austin, TX	512-257-4700	jump.net	MCI/UUNET	3.088	168	Yes	Yes	\$14.95	20	\$0.50	-	-
Labnet	Austin, TX	512-482-8064	labnet.com	Sprint	1.544	20	No	No	\$19.95	248	\$1.00	-	-
MoonTower Inc	Austin, TX	512-837-8670	moontower.com	Sprint	0.099	9999	No	No	\$15.00	15	\$1.00	-	-
NABI NETWORKS INC.	Austin, TX	512-458-3882	nabi.net	MCI	1.544	118	Yes	Yes	\$17.95	-	-	19.95	x2
NetTrek Communications Corp	Austin, TX	512-306-0080	ntrek.com	MCI	1.544	30	No	No	\$20.00	-	-	-	-
NorthWest Computers	Corpus Christi, TX	512-387-7926	moneypit.com	Sprint	1.544	10	No	No	\$10.95	-	-	-	-
Onramp Access, Inc	Austin, TX	512-322-9200	onr.com	MCI/Sprint/UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Outernet Connection Strategies	Austin, TX	512-206-0527	outer.net	Sprint/BBN/MCI	4.632	92	Yes	Yes	-	-	-	-	-
PrismNet Inc	Austin, TX	512-418-1568	prismnet.com	UUNET	1.544	46	Yes	No	\$18.00	-	-	-	-
Real Time Communications	Austin, TX	512-451-0046	realtime.net	MCI/Sprint/UUNET/DIGEX	10.808	434	Yes	Yes	\$19.95	60	\$0.50	-	-
Reallink Inc	Austin, TX	512-338-4824	reallink.com	DIGEX	0.099	9999	No	Yes	\$10.00	-	-	-	-
San Marcos Internet	San Marcos, TX	512-393-5205	sanmarcos.net	CRL	0.099	9999	Yes	No	\$15.00	50	\$0.95	-	-
Schober O'Neal Inc	Austin, TX	512-338-4999	schoneal.com	UUNET	0.099	9999	Yes	Yes	\$9.95	10	\$2.50	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-
Smallworks Inc	Austin, TX	512-338-0619	mls.net	Sprint	0.099	9999	No	Yes	-	-	-	-	-
TAB Net Internet Services	Round Rock, TX	512-218-5960	tab.com	Sprint	1.544	91	No	Yes	\$15.00	-	-	-	-
TRIPNET	Corpus Christi, TX	512-882-8747	trip.net	MCI	1.544	207	Yes	Yes	\$24.95	-	-	24.95	x2
TeleNetwork	Austin, TX	512-707-3111	x25.net	Sprint	0.099	9999	No	Yes	-	-	-	-	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
The Internet Port Inc	Austin, TX	512-349-2791	inetport.com	UUNET	1.544	200	No	No	\$3.32	15	\$1.00	-	-
The Spring	Austin, TX	512-302-4000	spring.com	MCI	3.088	96	Yes	Yes	\$18.00	-	-	-	-
Turning Point Information Inc	Austin, TX	512-404-5713	tpoint.net	Sprint	0.099	9999	Yes	No	\$15.00	20	\$1.00	-	-
Victoria Internet Providers Inc	Victoria, TX	512-572-3230	viptx.net	UUNET	1.544	176	No	No	\$19.95	-	-	-	-
Zilker Internet Park	Austin, TX	512-206-3850	zilker.net	Sprint	0.099	9999	No	No	\$19.95	30	\$0.95	-	-

CVTV Internet	La Grange, TX	409-247-8885	cvtv.net	Sprint	3.088	32	Yes	No	\$19.95	20	\$0.50	-	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
Connect International Inc	San Antonio, TX	210-341-2599	connecti.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
Electrotex Inc	Houston, TX	713-526-3456	electrotex.com	Sprint	0.099	9999	No	Yes	\$20.95	-	-	-	-
Fibrom Inc	San Antonio, TX	210-524-5587	fibr.net	MCI/Sprint/CIX	7.720	23	No	No	\$59.95	-	-	-	-
I-Link Inc	Draper, UT		i-link.net	UUNET	0.099	9999	No	No	\$17.95	60	\$1.95	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inethow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
LDS America	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	-
NEXTLINK INTERNET SERVICES	Killeen, TX	817-519-1371	n-link.com	MCI	1.544	336	Yes	No	\$24.95	-	-	24.95	RocK56flex
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-	-	-	-
Simplified Communications Inc	Waco, TX	817-757-3279	easy.com	UUNET	1.544	30	Yes	Yes	\$24.00	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TexaNet Internet Access Services	Bulverde, TX	210-438-3080	texanet.net	MCI	45.000	50	Yes	No	\$19.95	-	-	-	-
THEWAVE CONNECTION INC	San Antonio, TX	210-614-2306	twcw.com	MCI	3.088	225	No	Yes	\$20.00	-	-	25.00	x2
VistaNet	Raymondville, TX	210-642-1145	vsta.com	MCI/Sprint/CIX	4.632	32	No	No	\$25.95	-	-	-	-

513 Area Code ♦ OHIO

COAX-NET INTERNET SERVICES	Vandalia, OH	513-236-0600	coax.net	MCI	1.544	97	Yes	Yes	\$24.95	-	-	24.95	RocK56flex
CTD Technologies Inc	West Chester, OH	513-755-2393	ctd.com	Sprint/UUNET	0.099	9999	Yes	Yes	\$19.50	-	-	-	-
Cinci-Net Online	Cincinnati, OH	513-624-6962	cicni.net	MCI	1.544	24	No	No	\$15.00	-	-	-	-
Cincinnati Bell Telephone	Cincinnati, OH	513-565-3873	fuse.net	Sprint	45.000	624	Yes	Yes	\$19.95	-	-	-	-
Cincinnati Computer Connection	Batavia, OH	513-752-1533	ccc-bbs.com	Sprint	0.099	9999	No	No	\$15.00	6	-	-	-
Cincinnati Multi-Player Conn	Cincinnati, OH	513-825-5446	cinmpc.com	UUNET	0.128	8	No	No	\$20.00	-	-	-	-
Cinternet Internet Services	Cincinnati, OH	513-891-1228	cinternet.net	UUNET	1.544	65	No	No	\$19.95	-	-	-	-
DAYTON INTERNET INC.	Dayton, OH	513-586-2020	dayton.net	MCI	1.544	248	Yes	Yes	\$19.95	-	-	29.99	x2/RocK56flex/LucK56flex
DOT-NET LTD.	Cincinnati, OH	513-688-8330	dot-net.net	Sprint	1.544	196	Yes	Yes	\$17.95	-	-	24.95	x2
Exodus Online Services	Cincinnati, OH	513-522-0011	eos.net	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
InterLink Technology Services, Inc.	Lebanon, OH	513-934-2050	your-net.com	MCI	1.544	50	No	No	\$19.95	-	-	-	-
Internet Access Cincinnati	Cincinnati, OH	513-333-0033	iac.net	MCI	1.544	110	Yes	Yes	\$25.00	150	\$0.25	-	-
Marketing Power Network	Cincinnati, OH	513-381-7873	mpowernet.com	MCI	1.544	162	Yes	Yes	\$15.95	-	-	-	-
MASON INTERNET SERVICES	Mason, OH	513-573-9421	cyber.cinti.net	Sprint	0.056	8	No	No	\$11.95	-	-	11.95	x2
OPTIMUM.NET Internet Services	Cincinnati, OH	513-956-5000	optimum.net	ANS	1.544	125	Yes	Yes	\$4.95	5	\$1.25	-	-
OneNet Communications	Cincinnati, OH	513-326-6000	one.net	UUNET	45.000	1300	Yes	Yes	\$16.95	-	-	-	-
Premier Internet Inc	Cincinnati, OH	513-561-6245	cinti.net	Sprint	1.544	58	No	Yes	\$19.50	-	-	-	-
Primax Marketing Group	Cincinnati, OH	513-772-1223	primax.net	ANS	0.099	9999	Yes	Yes	\$4.95	5	\$1.25	-	-
Productivity OnLine	Cincinnati, OH	513-333-3113	pol.com	MCI	1.544	46	Yes	Yes	\$19.95	-	-	-	-
Shade Tree Communications, Inc.	West Chester, OH	513-755-6136	shadetree.com	MCI	1.544	23	No	No	\$18.95	-	-	-	-
Tristate Online	Cincinnati, OH	513-230-5994	ix.net	Sprint	45.000	55	No	Yes	\$12.50	-	-	-	-
WWW INTERNET SOLUTIONS INC.	Cincinnati, OH	513-528-8730	isoc.net	BBN	1.544	195	No	Yes	\$16.95	-	-	16.95	x2
ALPHALINK INC	Newark, OH	614-364-0271	alink.com	MCI/CompuServe	3.088	196	Yes	No	\$19.95	-	-	19.95	x2
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5	\$2.25	-	-
COMMKEY NETWORK, LTD.	Dayton, OH	937-496-2456	commkey.net	UUNET	1.544	128	No	Yes	\$18.95	-	-	22.95	RocK56flex
DONet Inc	Dayton, OH	937-256-7288	donet.com	MCI	1.544	46	Yes	No	\$45.00	-	-	-	-
ENET INC	Columbus, OH	614-794-5971	ee.net	MCI/Sprint	9.264	115	Yes	Yes	\$12.50	-	-	12.50	x2
EriNet Online Communications	Dayton, OH	937-291-1995	erinet.com	MCI/DIGEX	45.000	1358	Yes	Yes	\$29.99	-	-	-	-
IgLou Internet Service	Louisville, KY	502-966-3848	iglou.com	UUNET/MCI	4.632	300	No	No	\$19.95	-	-	-	-
INFINET (INFINITE SYSTEMS)	Columbus, OH	614-241-2990	infinet.com	MCI/Sprint	4.632	1070	Yes	Yes	\$19.95	-	-	19.95	x2
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
kih online	London, KY	606-864-4429	kih.net	Sprint/BBN	7.720	1650	No	Yes	\$20.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
513 Area Code ♦ OHIO													
MegaLinx Communications	Dublin, OH	614-798-9104	megalinx.net	Sprint	0.099	9999	Yes	No	\$19.50	-	-	-	-
Midwest Internet	Kettering, OH	937-297-6212	mics.net	Sprint	1.544	46	No	Yes	\$19.95	-	-	-	-
NetExpress Inc	Columbus, OH	614-326-6300	netexp.net	BBN	0.099	9999	No	No	\$19.95	-	-	-	-
Resource Concepts, Inc	Dayton, OH	937-223-4144	rcinet.com	MCI	1.544	53	No	No	\$19.95	-	-	-	-
The Dayton Network Access Co	Dayton, OH	937-463-5555	dnaco.net	DIGEX	1.544	75	No	No	\$14.95	-	-	-	-
VRnet Co	Dayton, OH	937-299-7653	vr.net	MCI	0.128	24	No	No	\$19.95	-	-	-	-

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@Darwin.com	Nuns' Island, QC	514-762-2208	darwin.qc.ca	MCI	3.088	48	No	Yes	\$30.00	60	\$1.25	-	-
AEI Internet Services	Montreal, QC	514-939-2488	aei.ca	Sprint	0.099	9999	Yes	No	\$14.95	40	\$0.50	-	-
Alpha Internet	Montreal, QC	514-525-5886	alphacom.net	UUNET	0.128	15	No	No	\$25.00	120	\$1.00	-	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
Axess Communications	St-Laurent, QC	514-337-2002	axess.com	UUNET	1.544	150	Yes	No	\$25.95	-	-	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/ISTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
CityVU Info & Promotional Services	Saint Laurent, QC	514-733-9559	cityvu.com	UUNET	3.088	6	No	No	\$25.00	-	-	-	-
Club Centra	Brossard, QC	514-875-6615	centra.ca	Sprint	1.544	132	No	Yes	\$1.00	1	\$1.00	-	-
College Jean-Guy Leboeuf	Montreal, QC	514-277-2117	collegeleboeuf.qc.ca	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Communications Accessibles Montreal	Montreal, QC	514-529-3000	cam.org	ANS	0.099	9999	No	Yes	\$25.00	100	\$1.00	-	-
Compuform Corp	Saint-Lambert, QC	514-672-2004	compuform.com	ISTAR	1.544	42	No	Yes	\$29.95	100	\$1.50	-	-
Connection MMIC Inc	St-Laurent, QC	514-331-6642	connectmmic.net	ISTAR	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
Consulan	Cote-St-Luc, QC	514-482-4848	consulan.com	ANS	0.128	32	No	No	\$14.95	30	\$1.00	-	-
Cyberglobe Communications Inc	Montreal, QC	514-342-3883	cyberglobe.net	Sprint	1.544	2	No	Yes	\$12.95	20	\$1.50	-	-
Dania	Laval, QC	514-663-9131	danica.com	Sprint	0.099	9999	No	Yes	\$25.00	-	-	-	-
DELPHI SUPERNET	Montreal, QC	514-281-7500	dsuper.net	UUNET	10.000	468	Yes	Yes	\$25.95	-	-	34.95	x2
Exchange Market Systems EMS Inc	Montreal, QC	514-982-6687	ems.net	Sprint	0.099	9999	No	No	\$9.95	15	\$0.99	-	-
Generation Net	Montreal, QC	514-845-5555	generation.net	ANS	45.000	600	No	Yes	\$29.95	-	-	-	-
ITI Inc	Montreal, QC	514-861-1901	iti.qc.ca	UUNET	1.544	34	No	Yes	\$20.00	40	\$0.75	-	-
Info-Internet B.F. Inc.	Montreal, QC	514-342-4636	info-internet.net	Sprint	1.544	30	No	No	\$9.95	10	\$0.75	-	-
InterConNet	Pierrefonds, QC	514-683-9513	interconnet.com	ANS	0.064	6	No	No	\$15.00	30	\$1.00	-	-
Internauts.ca	Lachine, QC	514-634-4847	internauts.ca	MCI	0.099	9999	No	No	\$24.95	75	\$1.00	-	-
INTERNET GLOBAL INF-ACCESS	Montreal, QC	514-737-2091	globale.net	Sprint	1.544	230	No	No	\$20.00	120	\$2.00	30.00	x2
Internet Haute-Yamaska	Granby, QC	514-372-3661	granby.net	Sprint	0.128	34	No	No	\$29.95	60	\$0.75	-	-
Internet Login	Montreal, QC	514-875-6446	login.net	ANS	0.099	9999	No	No	\$9.95	5	\$1.00	-	-
Internet Montreal	Montreal, QC	514-393-1014	mtl.net	Sprint	1.544	100	No	No	\$29.95	120	\$1.50	-	-
INTERNET QUEBEC IQ INC	Montreal, QC	514-383-4064	iq.ca	MCI	1.544	169	Yes	Yes	\$26.95	-	-	34.95	Rock56flex
Internet Rive-nord	L'Assomption, QC	514-589-2123	rive-nord.net	Sprint	0.099	9999	No	No	\$9.95	15	\$1.50	-	-
Iway InterNet	Joliette, QC	514-752-2700	iway.qc.ca	ANS	0.099	9999	No	No	\$24.95	-	\$1.00	-	-
LINQ Communications (InfoRoute)	Montreal, PQ	514-990-9345	inforoute.net	ANS	0.512	32	No	No	\$25.95	-	-	-	-
Magnett Internet Gateway	Montreal, QC	514-861-8622	magnet.ca	ISTAR	0.099	9999	No	No	\$30.00	100	-	-	-
Metrix Interlink	Montreal, QC	514-875-0010	interlink.net	ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Microtec Internet	Montreal, QC	514-388-4739	odyssee.net	Sprint	0.099	9999	No	No	\$25.00	120	\$2.00	-	-
MLINK INTERNET INC	Montreal, QC	514-231-1923	mlink.net	UUNET/ISTAR	20.000	272	Yes	Yes	\$30.00	120	\$1.00	35.00	x2
Point Net Communication Inc	Montreal, QC	514-524-3187	point-net.com	ANS	1.544	110	Yes	Yes	\$24.95	100	\$1.00	-	-
PubNIX Montreal	Cote Saint Luc, QC	514-990-5911	pubnix.net	ANS	0.384	24	No	No	\$20.00	40	\$1.00	-	-
Quebec.Net	Montreal, QC	514-933-9776	quebec.net	ANS	3.088	16	Yes	No	\$21.95	60	\$1.00	-	-
RISQ	Montreal, QC	514-840-1230	risq.qc.ca	MCI	20.000	-	Yes	No	-	-	-	-	-
St-Jean InterNet inc	Iberville, QC	514-358-5074	stjeannet.ca	Sprint	0.099	9999	Yes	Yes	\$8.95	10	\$1.00	-	-

TOP INTERNET INC	St-Laurent, QC	514-333-9500	top.ca	iSTAR	1.544	36	Yes	Yes	\$26.95	-	-	49.95	x2
TotalNet Inc	Montreal, QC	514-481-2585	total.net	ANS/Sprint	0.099	9999	Yes	Yes	\$26.95	-	-	-	-
VIF INTERNET	Montreal, QC	514-493-6447	vif.com	MCI/PSINet	45.000	240	No	Yes	\$22.00	100	\$1.00	22.00	x2
Zercom Technologies Inc	St-Laurent, QC	514-956-8337	zercom.net	iSTAR	1.544	110	Yes	Yes	\$19.95	60	\$1.50	-	-
ZOONET INC	Montreal, QC	514-935-6225	zoo.net	MCI	13.088	30	No	No	\$14.95	20	\$1.00	14.95	x2
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
BABILLARD SYNAPSE INC	Gatineau, QC	819-561-1697	synapse.net	iSTAR	1.544	48	No	Yes	\$30.00	100	\$0.50	30.00	LucK56flex
Caspar Computer Services Inc	Mississauga, ON	905-565-0156	caspar.net	MCI	0.256	14	No	Yes	\$20.00	20	\$1.00	-	-
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
Digital Design Inc	Quebec, QC	418-688-4242	ddi.qc.ca	Sprint	0.064	15	No	Yes	\$35.00	-	\$1.00	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-
INTRANET Technologies Inc	Ottawa, ON	613-233-7455	intranet.ca	Sprint	0.099	9999	Yes	Yes	\$29.95	90	\$0.75	-	-
Interlinx Inc	Sherbrooke, QC	819-565-9779	interlinx.qc.ca	iSTAR	0.099	9999	No	No	\$8.49	10	\$1.00	-	-
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
NetAxis Inc	Toronto, ON	416-480-2700	netaxis.ca	ANS	1.544	165	Yes	Yes	\$23.00	-	-	-	-
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-	-	-	-
Reseau Internet Quebec Inc	Quebec, QC	418-521-2884	riq.qc.ca	MCI	0.099	9999	Yes	Yes	\$39.95	55	\$1.00	-	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-

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Abelart Inc	Grinnell, IA	515-236-4166	avn.net	BBN	1.544	24	Yes	No	\$19.95	30	\$1.00	-	-
AmesNet Inc	Ames, IA	515-233-8956	ames.net	MCI	1.544	103	Yes	Yes	\$19.95	-	-	-	-
Captain Jack Communications	Des Moines, IA	515-964-8500	captainjack.com	MCI	3.088	55	No	Yes	\$25.00	-	-	-	-
Common L.L.C.	West Des Moines, IA	515-237-4070	commonlink.com	MCI	1.544	32	No	No	\$19.95	-	-	-	-
CyberTech Communications	Des Moines, IA	515-288-7479	cybrtech.com	MCI	0.128	57	No	No	\$15.00	-	-	-	-
DWX Inc	Des Moines, IA	515-282-0000	dwx.com	MCI/MCI	3.088	160	No	No	\$19.95	-	-	-	-
Des Moines Internet Inc	Des Moines, IA	515-270-9191	dsminet.com	MCI	1.544	20	Yes	No	\$20.00	120	-	-	-
Frontier Communications of Iowa	Fort Dodge, IA	515-955-6262	ia.frontiercomm.net	MCI	1.544	152	Yes	No	\$19.95	-	-	-	-
Iowa Connect, Inc.	Hampton, IA	515-456-5964	iowconnect.com	MCI	1.544	4	No	No	\$24.95	-	\$2.25	-	-
JTM MultiMedia Inc	Des Moines, IA	515-277-1990	ecity.net	UUNET	0.099	9999	No	No	\$30.00	-	-	-	-
JUMPGATE NETWORKS	Mason City, IA	515-424-5307	jumpgate.net	MCI	1.544	56	No	No	\$23.58	-	-	23.58	x2
LISCO	Fairfield, IA	515-472-5400	fairfield.com	MCI	0.099	9999	Yes	No	\$27.95	-	-	-	-
Lighthouse Communications, Inc.	West Des Moines, IA	515-222-1115	lh.net	MCI/UUNET	17.544	920	Yes	Yes	-	-	-	-	-
Marshallnet	Melbourne, IA	515-482-3189	mrshl.net	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
netINS, Inc.	Des Moines, IA	515-830-0110	netins.net	MCI/Sprint/UUNET	9.264	814	Yes	Yes	\$25.00	-	-	-	-
ONLINE MULTIMEDIA NTWK. OF IOWA	Des Moines, IA	515-277-6664	ia-omni.com	MCI	1.544	30	Yes	No	\$19.95	-	-	34.95	LucK56flex
OPENCOM, INC.	Boone, IA	515-432-7074	opencominc.com	MCI	1.544	36	No	No	\$30.00	250	\$2.00	35.00	x2
The Raccoon River Net Works	Des Moines, IA	515-282-9190	raccoon.com	MAE West	3.088	24	Yes	No	\$25.00	-	-	-	-
Twin Rivers Valley Internet Svcs	West Bend, IA	515-887-5900	trvnet.net	MCI/UUNET	3.088	50	Yes	No	\$30.00	250	\$1.15	-	-
Visionary Systems, Ltd.	Des Moines, IA	515-288-5717	visionary.com	MCI	1.544	12	No	No	\$20.00	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
AVALON NETWORKS	Iowa City, IA	319-339-8268	avalon.net	MCI	1.544	208	Yes	No	\$19.95	-	-	19.95	x2
Desktop Media	Albert Lea, MN	507-373-2155	deskmedia.com	MCI	3.088	162	Yes	Yes	\$19.95	-	-	-	-
Farmers Telephone	Essex, IA	712-379-3001	heartland.net	MCI	0.099	9999	No	No	\$17.00	40	\$1.50	-	-
GIANT INC	Iowa City, IA	319-354-6614	giant.net	MCI	1.544	712	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
Ia.Net	Cedar Rapids, IA	319-393-1095	ia.net	Sprint	4.632	228	Yes	No	\$30.00	-	-	-	-
InterNex	Santa Clara, CA	408-327-2388	intemex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5	\$0.40	-	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
MidWest Communications, Inc.	Dubuque, IA	319-557-8463	mwci.net	AGIS/MCI/Nap.Net	6.176	580	Yes	Yes	\$24.00	-	-	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex
Northwest Internet Services	Havelock, IA	712-776-2612	ncn.net	MCI	3.088	186	Yes	No	\$19.95	150	\$1.00	-	-
Pioneer Internet	Sergeant Bluff, IA	712-271-0101	pionet.net	MCI	4.632	300	Yes	No	\$22.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
515 Area Code ♦ IOWA													
RADIKS INTERNET ACCESS	Omaha, NE	402-346-4026	radiks.net	MCI	3.088	304	Yes	No	\$19.95	-	-	29.95	x2
SBT, Inc.	Waterloo, IA	319-236-6160	sbt.net	MCI	1.544	55	No	No	\$40.00	-	-	-	-
Team Technologies	Cedar Falls, IA	319-266-1700	teamnet.net	MCI	3.088	-	Yes	No	-	-	-	-	-
516 Area Code ♦ NEW YORK													
AMERICAN DATANET, INC.	Melville, NY	516-777-7778	americandata.net	UUNET	0.099	9999	Yes	Yes	\$16.95	-	-	16.95	x2
ASB Internet Inc	Hauppauge, NY	516-360-6600	asb.com	Sprint	1.544	187	Yes	Yes	\$14.95	-	-	-	-
Abt Internet	Great Neck, NY	516-829-5484	abt.net	Sprint	1.544	24	No	No	\$19.95	-	-	-	-
Adstone Inc	West Babylon, NY	516-756-9565	adstone.com	Sprint	0.099	9999	No	No	\$15.00	-	-	-	-
Ascension Internet Services	Hicksville, NY	516-938-7750	ascensionnet.com	Sprint	1.544	35	Yes	No	\$19.95	-	-	-	-
BENCHMARK COMMUN. SYS.	Babylon, NY	516-661-2150	bccom.com	UUNET	1.544	65	Yes	No	\$19.95	-	-	30.00	x2
Digital Frontiers	Farmingdale, NY	516-777-1537	digifro.com	BBN	1.544	24	Yes	No	\$14.95	-	-	-	-
EASY ACCESS	Riverhead, NY	516-369-6690	ieaccess.net	UUNET	1.544	35	No	Yes	\$15.95	-	-	25.95	x2
GAP Instrument Corp	Yaphank, NY	516-924-1700	gap.net	UUNET/GoodNet	3.088	44	Yes	Yes	\$100.00	-	-	-	-
Grand Central Networks Inc	Port Washington, NY	516-767-3325	grand-central.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
HTP Net Inc	Commack, NY	516-864-8500	htp.net	UUNET	0.099	9999	Yes	Yes	\$26.00	-	-	-	-
Hamptons Online Inc	Southampton, NY	516-287-6630	hamptons.com	UUNET	10.000	123	No	Yes	\$25.00	-	-	-	-
Hayes Communications Inc	Baldwin, NY	516-546-1589	hayescom.com	Sprint	1.544	30	Yes	No	\$18.00	-	-	-	-
LI LINK	Hauppauge, NY	516-231-2294	lilink.net	MCI/Sprint	3.088	96	Yes	No	\$24.95	-	-	24.95	x2
LI Net Inc	Smithtown, NY	516-265-0997	li.net	UUNET/BBN	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Lightning Internet Services LLC	Mineola, NY	516-248-8400	lightning.net	AGIS/Sprint/GoodNet	45.000	23	Yes	Yes	-	-	-	-	-
Long Island Globalink	Hauppauge, NY	516-724-5500	liglobal.com	Sprint	3.088	16	No	No	\$19.95	-	-	-	-
Long Island Information Inc	Melville, NY	516-468-3763	liii.com	Sprint	0.099	9999	Yes	No	\$20.00	-	-	-	-
Long Island Internet Headquarters	Melville, NY	516-393-7800	pb.net	Sprint	1.544	200	Yes	No	\$20.00	120	-	-	-
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
Network Internet Services Inc	Commack, NY	516-543-0234	netusa.net	Sprint/GoodNet	3.088	65	Yes	No	\$18.95	-	-	-	-
North American Internet Service	Centerport, NY	516-757-1880	nais.com	UUNET	0.099	9999	Yes	Yes	\$13.95	-	-	-	-
Omni-NET Internet Services	Southold, NY	516-765-6664	omni-net.net	DIGEX	1.544	8	No	No	\$20.00	-	-	-	-
Outer Limits DOTCOM Inc	Plainview, NY	516-454-1577	outerlimits.net	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
PECONIC ONLINE	East Hampton, NY	516-329-5703	peconic.net	Sprint	3.088	152	No	Yes	\$19.00	-	-	29.95	RocK56flex
PLANET POUCH INC..	Lindenhurst, NY	516-956-0032	pouch.com	Sprint	45.000	216	Yes	Yes	\$12.95	-	-	12.95	RocK56flex
Spec Net Inc	Hicksville, NY	516-735-9679	spec.net	UUNET/MCI	44.664	560	Yes	Yes	\$20.00	-	-	-	-
Trim Online	Huntington, NY	516-424-0498	trim.net	BBN	0.099	9999	No	No	\$15.00	-	-	-	-
Villagenet Inc	Commack, NY	516-499-6707	villagenet.com	CWIX	3.088	999	Yes	No	\$17.95	-	-	-	-
World Network ISP	Woodbury, NY	516-563-4748	wnis.net	UUNET	0.099	9999	Yes	Yes	\$8.00	200	\$1.00	-	-
Abest Network Services Inc	Flushing, NY	718-651-5010	abest.com	MCI	1.544	114	Yes	Yes	\$24.95	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afra-span.net	Sprint	1.544	8	Yes	No	\$20.00	160	\$1.95	-	-
Alpha Internet	New York, NY	212-271-4333	an.net	MCI	13.080	192	Yes	No	\$10.00	-	-	-	-
APPLICATION RESOURCES INFO	New York, NY	212-843-2400	way.com	UUNET	10.000	134	Yes	Yes	\$19.95	-	-	29.95	x2
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-	-	-	-
BrainLINK International	Richmond Hill, NY	718-805-6559	brainlink.com	Sprint	1.544	55	Yes	Yes	\$20.00	-	-	-	-
Community School Networks, Inc.	Hackensack, NJ	201-343-6427	csnet.net	Sprint/MCI	3.088	239	Yes	Yes	\$18.00	-	-	-	-
Conquer Network	New York, NY	718-940-0792	conquer.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Digital Telemedia Inc	New York, NY	212-255-4500	dti.net	BBN/UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Dorsai Embassy	Long Island City, NY	718-392-3667	dorsai.org	AGIS/Sprint	0.099	9999	No	No	\$10.42	120	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-

I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95			19.95	x2
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99			35.00	x2
IQ Internet Services	Bellerose, NY	718-831-2650	nyiq.net	MCI	0.099	9999	Yes	Yes	\$24.95				
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00				
Intercom Online Inc	New York, NY	212-378-2202	intercom.com	MCI/UUNET	11.544	60	Yes	Yes	\$25.00	150	\$1.00		
Internet Channel	New York, NY	212-243-5200	inch.com	UUNET/Genuity	45.000	300	Yes	No	\$25.00				
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95				
Internet Paradise Inc	Atlanta, GA	770-980-0078	paradise.net	MCI	45.000	120	Yes	Yes	\$19.95				
Internet QuickLink Corp	New York, NY	212-307-9662	quicklink.com	UUNET	0.099	9999	Yes	Yes	\$20.00				
INTERPORT COMMUNICATIONS	New York, NY	212-989-1128	interport.net	MCI/Sprint/UUNET/BBN	16.176	854	Yes	Yes	\$25.00	120	\$1.50	25.00	x2
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50				
KeyBoard Palace Online	Little Neck, NY	718-423-6741	kbp.com	Sprint	0.056	20	No	No	\$5.00				
LinkAmerica Communications, Inc.	New York, NY	212-334-0331	link-net.com	MCI	1.544	16	Yes	No	\$25.00				
Maestro Technologies Inc	New York, NY	212-293-1655	maestro.com	MCI	11.544	81	Yes	No	\$20.00	720			
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50			9.50	RockK56flex
METROCON COMMUNICATIONS	New York, NY	212-661-6800	metrocon.com	Sprint/MCI	18.528	345	Yes	Yes	\$24.95			24.95	RockK56flex
Mnematics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504			
NY WEBB INC	New York, NY	212-242-4912	webb.com	MCI	3.088	262	Yes	No	\$16.67	300		16.67	x2
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00				
Netrus	Miami, FL	305-717-3221	netrus.net	UUNET/Sprint	3.088	171	Yes	Yes	\$25.00				
NEW WORLD DATA CORP	Floral Park, NY	718-962-1725	nwdc.com	UUNET/Sprint/MCI	6.176	236	Yes	Yes	\$15.00			24.95	x2
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00				
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00				
Nysemet	Syracuse, NY	315-453-2912	nysemet.org	Sprint	0.099	9999	No	No	\$25.00	25	\$1.50		
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes					
Optimized Computer Solutions Inc	New York, NY	212-727-2100	ocsny.com	UUNET	1.544	8	Yes	Yes					
OUTERNET INC	New York, NY	212-982-9800	bway.net	AGIS/Sprint/UUNET/MCI	6.176	500	Yes	No	\$25.00			25.00	x2
PRECIPICE, INC.	New York, NY	212-645-7970	precipice.com	UUNET/AGIS	4.588	64	Yes	Yes	\$20.00			30.00	x2/RockK56flex
Public Access Networks Corp	New York, NY	212-741-4400	panix.com	MCI	45.000	300	Yes	No	\$35.00				
Pure Source	Brooklyn, NY	718-922-1371	puresource.com	DIGEX	1.544	20	No	No	\$19.95	250			
RealNet	New York, NY	212-964-3560	reallife.com	MCI/UUNET	11.544	1200	Yes	Yes	\$35.00				
Sky Web Inc	Old Bridge, NJ	908-613-0500	skyweb.net	MCI/UUNET	3.088	170	Yes	Yes	\$19.95				
SPYRALNET LLC	Nyack, NY	914-348-7676	spyral.net	DIGEX	1.600	192	No	Yes	\$19.95			29.95	x2
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00				
The Invention Factory Inc	New York, NY	212-431-5555	factory.com	Netcom	1.544	69	No	Yes	\$10.00	150			
TopNet Communications	New Rochelle, NY	914-632-5677	topnet.net	Sprint	0.099	9999	No	No	\$19.95				
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00				
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00			35.00	x2
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No					
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95				
ZONE ONE NETWORKS	New York, NY	212-292-8989	zone.net	MCI/Sprint	45.000	216	Yes	No	\$10.00			20.00	x2

517 Area Code ♦ MICHIGAN

ACD INTERNET SERVICES	East Lansing, MI	517-333-0900	acd.net	UUNET/MCI	6.176	960	Yes	Yes	\$18.95			18.95	x2
CHRISTOPHER AUDIO CONCEPTS	Howell, MI	517-545-2853	cac.net	MCI	1.544	184	Yes	No	\$15.95			19.95	x2
Data Management Consultants Inc	Hillsdale, MI	517-437-7349	dmci.net	AGIS	0.099	9999	No	No	\$17.95				
Future Vision Inc	Jackson, MI	517-750-4746	futurevision.net	MCI	1.544	166	Yes	Yes	\$23.95				
HomeTown Newspapers	Howell, MI	517-545-1919	htonline.com	UUNET	1.544	120	No	No	\$19.95				
Huron Daily Tribune	Bad Axe, MI	517-269-6461	hdtinfo.com	DataXchange	1.544	14	No	No	\$14.00				
I-STAR ONLINE	Oscoda, MI	517-739-7954	i-star.com	BBN	1.544	76	No	No	\$18.95			34.95	RockK56flex
Internet Michigan Inc	Saint Johns, MI	517-224-9561	im4u.net	Sprint	0.099	9999	Yes	No	\$29.75				
Internet Portland	Portland, MI	517-647-5433	portland-mi.com	AGIS	0.056	12	No	No	\$18.00	60	\$1.00		
INTERNET SERVICES OF MICH.	Howell, MI	517-548-1400	ismi.net	MCI	3.088	419	Yes	Yes	\$19.95			19.95	x2
Livingston Internet Services	Howell, MI	517-548-0040	livingonline.com	AGIS	45.000	43	No	Yes	\$18.50				

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
517 Area Code ♦ MICHIGAN													
Maple Valley Computer Center	Nashville, MI	517-852-1784	mvcc.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-
Mint City Internet	Saint Johns, MI	517-224-4714	mintcity.com	MCI	0.256	24	No	No	\$22.00	-	-	-	-
Nethawk Internet Services	Mount Pleasant, MI	517-773-5540	nethawk.com	MCI	1.544	102	No	No	\$20.00	-	-	-	-
ShiaNet Community Information	Owosso, MI	517-723-5149	shianet.org	MCI	0.099	9999	No	No	\$9.95	30	-	-	-
Sojourn Systems Ltd	Lansing, MI	517-393-2738	sojourn.com	MCI/MCI	3.088	175	Yes	No	\$19.95	-	-	-	-
THE COMPUTER CARE COMPANY	Adrian, MI	517-265-7872	tc3net.com	UUNET	3.088	332	No	No	\$19.95	-	-	19.95	Rock56flex/LucK56flex
THE MERCURY NETWORK	Midland, MI	517-837-3790	tm.net	DataXchange	3.088	144	Yes	Yes	\$19.00	-	-	19.00	LucK56flex
Voyager Information Networks	East Lansing, MI	517-324-8940	voyager.net	MCI/MCI	3.088	1200	Yes	Yes	\$19.95	-	-	-	-
123 NET	Chesterfield, MI	810-716-1700	123.net	MCI	10.000	188	Yes	Yes	\$19.95	-	-	19.95	x2
Alliance Network Inc	Grand Rapids, MI	616-774-3010	alliance.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
AMERICAN WEBMASTERS, INC.	Saint Clair Shores, MI	810-790-9522	agn.net	AGIS/UUNET	45.000	1095	Yes	No	\$8.95	-	-	8.95	x2
Branch Internet Services Inc	Ann Arbor, MI	313-741-4442	branch.net	MCI	0.099	-	Yes	No	-	-	-	-	-
CDNET, inc	West Bloomfield, MI	810-851-4370	cdnet.net	AGIS	6.176	50	No	No	\$19.95	-	-	-	-
Cardina Internet Group, Inc.	Lapeer, MI	810-667-8000	cardina.net	CRL	1.544	60	No	No	\$17.50	-	-	-	-
Coast To Coast Telcomm Inc	Clarkston, MI	810-623-6700	coast.net	AGIS	3.088	60	Yes	Yes	\$8.95	10	\$2.00	-	-
CyberZone Inc	Ann Arbor, MI	313-668-2060	cyberzone-inc.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
EagleQuest Inc	Rochester, MI	810-650-4700	eaglequest.com	AGIS	1.544	68	No	No	\$19.95	150	-	-	-
Freeway Inc	Petoskey, MI	616-347-3175	freeway.net	MCI	3.088	250	Yes	Yes	\$15.00	-	-	-	-
GREAT LAKES INTERNET	Westland, MI	313-326-7199	gr-lakes.com	Sprint	1.544	25	No	No	\$24.95	-	-	24.95	x2
ICNet	Ann Arbor, MI	313-998-0090	ic.net	MCI	0.099	9999	Yes	Yes	\$29.95	60	\$2.00	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
INTERNET OPERATIONS CENTER	Southfield, MI	810-204-8888	iocenter.net	AGIS/UUNET	45.000	238	Yes	Yes	\$24.95	150	\$0.90	24.95	x2
Iserv Inc	Grand Rapids, MI	616-281-5254	iserv.net	MCI/UUNET/Sprint	6.176	1072	Yes	Yes	\$9.95	40	\$1.95	-	-
Isthmus Corp	Ann Arbor, MI	313-973-2100	izzy.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Kodenet Inc	Flint, MI	810-341-1474	kode.net	UUNET/AGIS	0.099	9999	Yes	Yes	\$9.95	30	\$0.50	-	-
Merit Network Inc	Ann Arbor, MI	313-764-9430	merit.edu	MCI	45.000	4200	Yes	No	\$10.00	-	-	-	-
MICH.COM, INC.	Farmington Hills, MI	810-442-1000	mich.com	MCI	0.768	943	Yes	Yes	\$19.95	80	\$0.60	19.95	Rock56flex/LucK56flex
Michigan BizServe	Ann Arbor, MI	313-761-8742	bizserve.com	MCI	10.000	330	No	No	\$19.95	40	\$1.00	-	-
Michigan Internet Communication Assn	Redford, MI	810-355-1438	mica.net	Sprint	13.544	68	Yes	Yes	\$30.00	-	-	-	-
Msen Inc	Troy, MI	810-740-3400	msen.com	AGIS/UUNET	4.632	520	Yes	Yes	\$17.50	-	-	-	-
Netrex Inc	Southfield, MI	810-352-9643	netrex.net	AGIS/UUNET	45.000	-	Yes	No	-	-	-	-	-
PathWay Computing	Greenville, MI	616-225-8530	pathwaynet.com	MCI	1.544	48	Yes	No	\$19.95	-	-	-	-
PROVIDE NET	Ypsilanti, MI	313-480-4770	provide.net	ANS	3.088	912	No	No	\$14.95	-	-	14.95	x2
RCNet	Ypsilanti, MI	313-572-0640	rc.net	MCI	3.088	15	No	No	\$8.00	-	-	-	-
RING!OnLine	White Lake, MI	810-698-4659	ring.com	DataXchange	45.000	100	Yes	No	\$16.95	150	\$0.50	-	-
SHUTTERNET	Madison Heights, MI	810-544-2930	shutter.net	AGIS	3.088	68	Yes	Yes	\$40.00	-	-	40.00	x2
The Internet Ramp	Flint, MI	810-732-7930	tir.com	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
The Library Network	Wayne, MI	313-326-8910	ttn.lib.mi.us	MCI	1.544	4092	No	No	\$10.00	-	-	-	-
WEBNET INC	Taylor, MI	313-287-0225	webbnet.net	UUNET	45.000	600	Yes	Yes	\$14.95	-	-	14.95	Rock56flex

518 Area Code ♦ NEW YORK

AlbanyNet Inc	Albany, NY	518-462-6262	albany.net	MCI/Sprint	3.088	190	Yes	Yes	\$24.95	-	-	-	-
CapitalNET Ltd.	Albany, NY	518-869-4444	capital.net	MCI/Sprint	45.000	640	No	No	\$17.95	-	-	-	-
Digital World Communications	Albany, NY	518-449-3208	digiworldinc.com	MCI	1.544	25	Yes	Yes	\$19.95	-	-	-	-
Franchise Communications, Inc.	Catskill, NY	518-943-1487	francomm.com	Sprint	1.544	86	Yes	Yes	\$21.00	-	-	-	-
Global 2000 Communications Inc	Albany, NY	518-452-1465	global2000.net	Sprint/MCI	2.056	276	Yes	Yes	\$25.00	-	-	-	-
KLINK NET COMMUNICATIONS	Northville, NY	518-725-3000	klink.net	MCI	1.544	150	Yes	No	\$24.95	-	-	24.95	RockK56flex
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-

NetHeaven	Ballston Spa, NY	518-885-1295	netheaven.com	Sprint	0.099	9999	Yes	No	\$30.00	-	-	-	-
PC-Webonics	Clifton Park, NY	518-373-8046	pc-webonics.com	MCI	1.000	20	No	No	\$19.95	-	-	-	-
SPA NET Inc	Saratoga Springs, NY	518-581-0450	spa.net	UUNET/MCI	3.088	40	Yes	No	\$14.95	50	\$1.00	-	-
Squonk, Inc.	Loudonville, NY	518-783-0625	squonk.net	UUNET/Sprint	45.000	61	Yes	No	\$17.99	-	-	-	-
TELECON COMMUNICATION CORP	Johnstown, NY	518-762-3456	superior.net	MCI	3.088	384	Yes	No	\$24.95	-	-	24.95	Rock56flex
Telenet	Fort Plain, NY	518-993-5777	telenet.net	Sprint/MCI/BBN	4.632	145	No	No	\$8.95	10	\$1.50	-	-
Web Services Group Inc	Troy, NY	518-274-2301	wsg.net	MCI	0.099	9999	No	Yes	\$8.95	15	-	-	-
Wizvax Communications	Troy, NY	518-273-4325	wizvax.net	Sprint/MCI	45.000	54	Yes	Yes	\$25.00	-	-	-	-
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	-	-	-	-
Infinity Data Systems Inc	Wappingers Falls, NY	914-297-5879	idsi.net	Sprint	1.544	138	No	Yes	\$19.95	-	-	-	-
Information Gateway Services	Corwall, ON	613-930-9942	cnwl.igs.net	MCI	1.544	120	Yes	No	\$9.95	15	\$0.95	-	-
NetSite Systems Inc.	East Syracuse, NY	315-446-5555	netsitesys.com	UUNET	3.088	20	Yes	Yes	\$20.00	-	-	-	-
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	-
North Country RRR Council	Canton, NY	315-386-4569	northnet.org	Sprint/ANS	3.088	310	Yes	Yes	\$14.95	60	\$0.25	-	-
Nysemet	Syracuse, NY	315-453-2912	nysemet.org	Sprint	0.099	9999	No	No	\$25.00	25	\$1.50	-	-
SOVERNET INC	Bellows Falls, VT	802-463-2111	sover.net	MCI/Sprint/UUNET	7.720	896	Yes	Yes	\$20.00	-	-	20.00	x2
Spectra Net	Johnson City, NY	607-798-7300	spectra.net	UUNET	3.088	255	Yes	Yes	\$19.95	-	-	-	-
St. Lawrence Internet Connection	Nicholville, NY	315-328-4900	slic.com	MCI	3.600	174	No	No	\$19.95	-	-	-	-
Together Networks	Burlington, VT	802-862-2030	together.net	Sprint	6.176	1125	No	Yes	\$19.95	-	-	-	-

519 Area Code ♦ ONTARIO

Beeline Communications Inc.	Orangeville, ON	519-941-9517	bic.net	ISTAR	0.256	147	No	Yes	\$24.95	-	-	-	-
Carson Software Canada	London, ON	519-452-3204	cscn.com	UUNET	1.544	82	No	Yes	\$25.00	-	-	-	-
CYBERION NETWORKING CORP	London, ON	519-642-1411	wwdc.com	Sprint	1.544	256	Yes	Yes	\$25.00	60	-	25.00	x2
ELECTRO-BYTE TECHNOLOGIES	Sarnia, ON	519-332-8235	ebtech.net	MCI/Sprint	1.672	857	Yes	Yes	\$20.00	50	\$0.50	20.00	Rock56flex/LucK56flex
Execulink Internet Services Corp	London, ON	519-451-4288	execulink.com	MCI	0.099	9999	No	No	\$21.17	-	-	-	-
Fastlane.Net Ltd	London, ON	519-679-0908	fastlane.ca	ISTAR/Sprint	0.099	9999	No	No	\$15.00	30	-	-	-
HURON INTERNET TECHNOLOGIES	Kitchener, ON	519-745-5513	huron.net	UUNET/Sprint	3.072	380	Yes	Yes	\$25.00	-	-	25.00	LucK56flex
Huronario Telephones	Thedford, ON	519-296-4926	htl.net	ISTAR	0.099	9999	No	No	\$24.95	60	\$0.50	-	-
Hurontel	Ripley, ON	519-395-2625	hurontel.on.ca	ISTAR	0.099	9999	No	No	\$4.95	5	\$0.50	-	-
HYPERNET TECHNOLOGIES INC	London, ON	519-652-3790	lonet.ca	ISTAR	1.544	600	No	No	\$24.95	-	-	29.95	Rock56flex/LucK56flex
Information Gateway Services	Waterloo, ON	519-884-7200	kw.igs.net	MCI	0.099	9999	No	Yes	\$15.00	20	\$0.60	-	-
INTERACTIVE ONLINE LTD	Waterloo, ON	519-886-8286	ionline.net	MCI	3.088	442	Yes	Yes	\$19.95	30	\$1.00	19.95	Rock56flex
Internet Emporium	Windsor, ON	519-977-7701	emporium.on.ca	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
Intown Internet	Kitchener, ON	519-741-1222	intown.net	Sprint	0.099	9999	No	No	\$30.00	90	\$0.50	-	-
Kenet Corp	Windsor, ON	519-948-5335	kenet.ca	MCI	0.099	9999	No	No	\$24.95	-	-	-	-
London Free Net	London, ON	519-452-3332	lfn.com	UUNET	0.099	9999	No	No	\$10.00	-	-	-	-
MGL Systems Computer Technologies	Cambridge, ON	519-651-2713	mgl.ca	MCI	1.544	226	Yes	Yes	\$30.00	-	-	-	-
Managed Network Systems Inc.	Windsor, ON	519-258-2333	mnsi.net	MCI/Sprint	3.088	1217	Yes	Yes	\$24.94	-	-	-	-
Mediaglobe Inc	London, ON	519-668-0667	mediaglobe.com	MCI	0.099	9999	No	No	\$25.00	60	-	-	-
Mornington Communications Co-op	Milverton, ON	519-595-8331	perth.net	ISTAR	0.512	24	No	No	\$4.95	5	\$0.50	-	-
Multiboard Communications	London, ON	519-660-1295	multiboard.com	ISTAR	10.000	24	No	No	\$18.95	30	\$0.50	-	-
NetCore Global Communications	Windsor, ON	519-258-0004	netcore.ca	MCI	0.099	9999	No	Yes	\$24.95	150	\$0.75	-	-
NORTH NORWICH TELEPHONES	Burgessville, ON	519-424-9801	oxford.net	MCI	1.544	288	No	No	\$24.95	60	\$0.50	24.95	x2
ORCCA Networks Ltd	Stratford, ON	519-273-7004	orc.ca	MCI	0.099	9999	No	Yes	\$15.95	25	\$0.80	-	-
Odyssey Network Inc	London, ON	519-660-8883	odyssey.on.ca	Sprint	3.088	300	No	Yes	\$25.00	60	-	-	-
SOS INTERNET CORP	Hanover, ON	519-364-3878	sos.on.ca	UUNET	1.544	172	No	No	\$25.00	-	-	25.00	x2
SENTEX COMMUNICATIONS	Cambridge, ON	519-651-3400	sentex.net		4.500	600	Yes	Yes	\$19.95	60	\$0.50	19.95	Rock56flex/LucK56flex
South West Bruce Internet	Port Elgin, ON	519-832-6260	swbi.net	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
Web Net Corp	Orangeville, ON	519-940-9252	headwaters.com	MCI	0.256	69	No	Yes	\$24.95	50	\$0.50	-	-
Wightman Communications Limited	Clifford, ON	519-327-8012	wcl.on.ca	ISTAR	0.512	102	No	No	\$8.95	10	\$0.75	-	-
WINDSOR INFORMATION NTWK.	Windsor, ON	519-945-9462	wincom.net	ANS	3.088	880	Yes	Yes	\$25.00	60	\$0.85	25.00	x2
XCELCO INTERNET	Forest, ON	519-786-4320	xcelco.on.ca	ISTAR	0.099	9999	No	No	\$24.95	60	\$0.50	24.95	x2

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
519 Area Code ♦ ONTARIO													
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
Alberta SuperNet	Edmonton, AB	403-441-3663	supernet.ab.ca	MCI	0.099	9999	No	No	\$29.95	100	\$2.00	-	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
Barrie Connex Inc.	Barrie, ON	705-725-0819	bconnex.net	Sprint	4.632	500	Yes	No	\$9.95	10	\$1.25	-	-
Burlington Network Services	Burlington, ON	905-632-3977	bserv.com	BellGlobal/UUNET	1.672	300	No	Yes	\$20.00	-	-	-	-
E-Gate Communications Inc.	Toronto, ON	416-447-8505	egate.net	UUNET	0.512	15	No	No	\$15.00	45	\$0.60	-	-
Focus Technologies Networks	Mississauga, ON	905-602-6266	ftn.net	MCI/iSTAR/UUNET	0.099	9999	Yes	No	\$25.00	60	\$0.50	-	-
FollowMe Online Inc	North York, ON	416-512-8181	followme.com	Sprint	3.088	298	Yes	Yes	\$24.95	-	-	-	-
Grant Internet Communications	Collingwood, ON	705-446-2900	grant.ca	MCI	1.544	50	No	No	\$34.95	-	-	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-
INTRANET Technologies Inc	Ottawa, ON	613-233-7455	intranet.ca	Sprint	0.099	9999	Yes	Yes	\$29.95	90	\$0.75	-	-
INTERHOP NETWORK SERVICES	Toronto, ON	416-494-1603	interhop.net	Sprint/iSTAR	3.088	560	Yes	Yes	\$9.99	10	\$1.00	9.99	Rock56flex/LucK56flex
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
NETINC	Hamilton, ON	905-525-4555	netinc.ca	iSTAR/Sprint	3.544	466	Yes	Yes	\$19.97	-	-	24.97	Rock56flex/LucK56flex
NetMatrix Communications Inc	Brampton, ON	905-457-4300	netmatrix.net	iSTAR	0.099	9999	No	Yes	\$19.95	-	-	-	-
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-	-	-	-
ONet Networking	Toronto, ON	416-978-4589	onet.on.ca	MCI	3.088	-	Yes	No	-	-	-	-	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-
UUNorth International Inc	Willowdale, ON	416-225-8640	north.net	MCI	0.099	9999	Yes	No	\$29.95	100	\$1.00	-	-
WORLDCHAT INTERNET SERVICES	Burlington, ON	905-637-9111	worldchat.com	MCI	16.984	952	Yes	Yes	\$26.75	-	-	26.95	Rock56flex

520 Area Code ♦ ARIZONA

Aces Research Inc	Tucson, AZ	520-322-6500	aces.com	Sprint/MCI/BBN	12.352	23	Yes	Yes	-	-	-	-	-
BSL Computers	Prescott, AZ	520-776-1302	bslnet.com	Sprint/GoodNet	2.120	96	No	No	\$20.00	-	-	-	-
DAKOTA COMMUNICATIONS	Tucson, AZ	520-745-3900	dakotacom.net	UUNET	10.000	3300	Yes	Yes	\$18.00	-	-	22.00	x2
Fire House Inn	Tucson, AZ	520-712-5422	fhouse.org	AGIS	0.028	12	No	No	\$15.00	-	-	-	-
Gain Communications Inc.	Tucson, AZ	520-388-9100	gci-net.com	Sprint	1.544	144	Yes	No	\$20.00	-	-	-	-
InfoMagic Inc	Flagstaff, AZ	520-526-9565	infomagic.com	MCI/CRL	3.088	73	Yes	Yes	\$20.00	-	-	-	-
Innovative System Design	Tucson, AZ	520-791-3223	isdnet.com	MCI/MAE West	4.632	56	Yes	No	\$20.00	-	-	-	-
Northlink LLC	Prescott, AZ	520-445-0707	northlink.com	Sprint	1.544	76	Yes	No	\$12.95	360	\$0.95	-	-
Opus One	Tucson, AZ	520-324-0494	accessone.net	Sprint/MCI/GridNet	9.264	72	Yes	Yes	\$30.00	80	\$1.00	-	-
RTD Systems & Networking Inc	Tucson, AZ	520-388-9000	rtd.com	AGIS/CRL	3.088	120	Yes	Yes	\$20.00	150	\$0.25	-	-
Rippers BBS	Mohave Valley, AZ	520-768-1161	rippers.com	MCI	45.000	70	No	No	\$20.00	-	-	-	-
Sedona Internet Services Inc	Sedona, AZ	520-204-2247	sedona.net	MCI/AGIS	3.088	180	Yes	No	\$20.00	150	\$0.25	-	-
SIERRA INTERNET	Sierra Vista, AZ	520-417-0433	sinosa.com	UUNET	1.544	192	Yes	Yes	\$14.95	-	-	19.95	Rock56flex/LucK56flex
Sunset Online	Tucson, AZ	520-297-3355	azsunset.com	AGIS	1.544	60	No	No	\$18.50	200	\$0.30	-	-
The River Internet Access Co	Tucson, AZ	520-745-1009	theriver.com	MCI	0.099	9999	Yes	No	\$19.95	175	\$1.00	-	-
TUCSON NEWSPAPERS	Tucson, AZ	520-573-4667	azstarnet.com	Sprint/MCI	7.720	1632	Yes	No	\$20.00	-	-	20.00	x2
Zeke's General Store	Central, AZ	520-428-1117	zekes.com	Sprint	1.544	19	No	No	\$24.95	30	\$0.50	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
Axxess Point	Gilbert, AZ	602-507-1956	axtek.com	UUNET	1.544	50	No	No	\$19.95	-	-	-	-
Communiverse.Com	Scottsdale, AZ	602-998-5701	communiverse.com	BBN	3.088	100	Yes	Yes	\$99.00	672	-	-	-
DIGITAL NETWORK ACCESS (DNA)	Phoenix, AZ	602-277-2725	dnanet.com	CRL	3.088	48	Yes	Yes	-	-	-	450.00	x2
FUTUREONE INC.	Phoenix, AZ	602-852-9725	futureone.net	MCI/Sprint	6.176	486	Yes	Yes	\$19.95	-	-	19.95	x2
GOODNET CORP.	Phoenix, AZ	602-303-9500	goodnet.com	GoodNet	45.000	1392	No	Yes	\$19.95	-	-	29.95	x2
Interactive Satellite Internet Svcs	Rigby, ID	208-745-8552	axxess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-
NETZONE	Scottsdale, AZ	602-991-4638	netzone.com	GoodNet	45.000	396	Yes	Yes	\$19.95	-	-	29.95	x2

Network Safety Corp	Cave Creek, AZ	602-585-4099	safety.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-
Netwrx	Phoenix, AZ	602-997-9820	netwrx.net	MCI	1.544	284	No	Yes	\$19.95	-	-	-	-	-	-
PLANET SYSTEMS NETWORK	Phoenix, AZ	602-266-0911	psn.net	CRL	3.088	336	Yes	Yes	\$19.95	-	-	-	29.95	RocK56flex/LucK56flex	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-	-	-

540 Area Code ♦ VIRGINIA

1 Big Red Connection	Fredericksburg, VA	540-371-2362	1bigred.com	CWIX	0.099	9999	Yes	No	\$17.50	-	-	-	-	-	-
American Business Associates, Inc.	Stafford, VA	540-720-7541	aba2net.com	Sprint	1.544	15	No	No	\$15.00	-	-	-	-	-	-
B&G CONSULTANTS INC	Fredericksburg, VA	540-371-4195	interserf.net	Sprint	1.544	80	Yes	No	\$9.00	1	\$2.00	30.00	-	x2	-
Bennett Group Computer Consultants	Stafford, VA	540-720-6119	bgcc.com	CAIS	1.544	36	Yes	Yes	\$25.00	-	-	-	-	-	-
CFW Communications	Waynesboro, VA	540-946-2638	cfw.com	MCI/UUNET	0.099	9999	Yes	No	\$14.95	15	\$1.00	-	-	-	-
Citizens InterNET	Floyd, VA	540-745-4101	swva.net	MCI	1.544	275	Yes	No	\$24.95	-	-	-	-	-	-
CompuNet Connection Inc	Norton, VA	540-679-7379	compunet.net	MAE West	0.099	9999	No	No	\$19.95	160	\$1.50	-	-	-	-
Economic Computer Systems Inc	Stafford, VA	540-659-9557	staffnet.com	CAIS/GoodNet	0.099	9999	Yes	Yes	\$19.75	-	-	-	-	-	-
FUTUREWAVE INTERNET SRVS.	Lynchburg, VA	540-796-4186	futurewave.net	BBN	1.544	92	Yes	Yes	\$18.95	-	-	-	18.95	x2	-
GemLink	Orange, VA	540-672-1446	gemlink.com	Sprint	0.099	9999	Yes	No	\$9.95	20	\$0.25	-	-	-	-
IllumiNet Information Services	Stafford, VA	540-720-8184	illuminet.net	MAE East	1.544	60	No	No	\$14.95	-	-	-	-	-	-
InterLink Internet	Roanoke, VA	540-345-9358	intrlink.com	MCI	1.544	66	No	Yes	\$20.00	-	-	-	-	-	-
iPlus Internet Services	Radford, VA	540-633-6327	i-plus.net	MCI	1.544	53	Yes	Yes	\$18.95	-	-	-	-	-	-
Kaleidoscope Information Svcs	Richlands, VA	540-963-5477	netscope.net	BBN	1.544	80	No	No	\$19.95	100	\$1.00	-	-	-	-
Logical Support Inc.	Independence, VA	540-773-3419	ls.net	Sprint	1.544	20	Yes	No	\$25.00	-	-	-	-	-	-
LouisaNet	Louisa, VA	540-967-1000	louisa.net	MAE West	1.544	24	No	No	\$17.95	-	-	-	-	-	-
MountainNet	Gate City, VA	540-452-3333	mounet.com	MCI	1.544	157	Yes	Yes	\$20.00	100	\$2.50	-	-	-	-
Mountain Internet Inc.	Grundy, VA	540-935-4141	mtinter.net	MCI	1.544	16	Yes	No	\$9.95	5	\$2.50	-	-	-	-
NEOCOM Microspecialists Inc	Martinsville, VA	540-666-9533	neocomm.net	Sprint	1.544	96	No	No	\$24.95	-	-	-	-	-	-
Net Express Communications Inc.	Dayton, VA	540-574-4345	vaix.net	UUNET	1.544	30	Yes	No	\$25.00	-	-	-	-	-	-
NetSight Communications	Blue Ridge, VA	540-890-7018	sight.net	UUNET	0.056	10	No	No	\$20.00	-	-	-	-	-	-
RMA ONLINE	Front Royal, VA	540-636-5420	rma.edu	MCI	0.099	9999	Yes	No	\$12.95	140	-	-	-	-	-
Roanoke Electronic Village	Roanoke, VA	540-772-3282	rev.net	UUNET	1.544	138	Yes	Yes	\$19.95	160	\$2.00	-	-	-	-
Rockbridge Global Village	Lexington, VA	540-463-4451	rockbridge.net	MCI	1.544	50	No	No	\$25.00	-	-	-	-	-	-
Rockingham Internet Cmnty Access	Harrisonburg, VA	540-574-6082	rica.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
Shentel Service Co	Edinburg, VA	540-984-5383	shentel.net	UUNET	0.099	9999	Yes	Yes	\$20.00	150	\$1.00	-	-	-	-
Smyth Electronic Village	Marion, VA	540-783-3333	smyth.net	Sprint	1.544	26	No	Yes	\$25.00	-	-	-	-	-	-
Virtual Web, Inc.	Fredericksburg, VA	540-785-9421	virtual-web.net	UUNET	7.700	190	No	Yes	\$15.95	24	-	-	-	-	-
Visual Link Internet	Winchester, VA	540-722-6705	visuallink.com	MCI	0.099	9999	Yes	No	\$12.95	140	\$0.15	-	-	-	-
3rd Wave Technologies	Bristol, TN	423-652-6090	3wave.com	BBN	1.544	142	No	Yes	\$20.00	-	-	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-	-	-
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-	-	-	-
Delta One	Chantilly, VA	703-715-9222	delta1.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-	-	-
In Mind Inc	Forest, VA	804-385-4087	inmind.com	UUNET	1.544	128	No	Yes	\$19.95	-	-	-	-	-	-
InetONE	Beckley, WV	304-253-8481	inetone.net	Sprint	1.544	176	No	No	\$22.00	-	-	-	-	-	-
kih online	London, KY	606-864-4429	kih.net	Sprint/BBN	7.720	1650	No	Yes	\$20.00	-	-	-	-	-	-
MediaSoft Corp	Leesburg, VA	703-777-9475	mediasoft.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-	-	-
Monumental Network Systems	Chantilly, VA	703-631-3600	monumental.com	MCI/UUNET/CWIX/Nap.Net	6.176	1050	Yes	Yes	\$20.00	-	-	-	-	-	-
Preferred Internet Inc	Kingsport, TN	423-323-1142	preferred.com	MCI	1.544	314	No	Yes	\$19.95	-	-	-	-	-	-
RMC Internet Services	Boise, ID	208-336-9200	rmci.net	Sprint	1.544	410	Yes	Yes	\$9.95	10	\$1.00	-	-	-	-
ShireNet Communications Systems	Reston, VA	703-715-9452	shirenet.com	Sprint	0.512	21	No	Yes	\$18.00	300	\$1.00	-	-	-	-
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-	-	-
TIDAL WAVE COMMUNICATIONS	Chantilly, VA	703-968-5744	tidalwave.net	UUNET	45.000	3700	Yes	Yes	\$9.50	-	-	-	9.50	x2	-
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-	-	-	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	-	20.00	x2/RocK56flex/LucK56flex	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
541 Area Code ♦ OREGON													
@hARBORSide	Brookings, OR	541-469-8844	hARBORSide.com	Sprint	1.544	265	Yes	Yes	\$19.95	240	\$1.00	-	-
BendNet	Bend, OR	541-385-3331	bendnet.com	UUNET	1.544	210	No	Yes	\$19.95	-	-	-	-
CDS INTERNET	Medford, OR	541-773-9600	cdsnet.net	Sprint/MCI/BBN	4.632	68	Yes	Yes	\$19.95	-	-	39.95	x2
Cascade Chips Corporation	Bend, OR	541-382-6650	hwy97.net	GoodNet	1.544	64	Yes	No	\$25.00	160	\$1.00	-	-
CLIPPERNET INTERNET SERVICES	Eugene, OR	541-431-3360	clipper.net	MCI	3.088	120	Yes	No	\$19.95	-	-	29.95	Rock56flex
Continet	Springfield, OR	541-747-8221	continet.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
CYBERDYNE SYSTEMS	Eugene, OR	541-465-4743	cyber-dyne.com	MCI	0.768	40	No	No	\$16.00	-	-	25.00	x2
Data Research Group Inc	Eugene, OR	541-465-3282	ordata.com	MCI	3.088	30	Yes	No	\$20.00	100	\$0.25	-	-
Digital Forest	Eugene, OR	541-343-1168	digiforest.com	MCI	3.088	42	Yes	No	\$24.95	-	-	-	-
Direct NET Communications	Albany, OR	541-928-7704	dnc.net	MCI/Sprint	3.088	136	No	Yes	\$17.50	-	-	-	-
Eastern Oregon Net Inc	La Grande, OR	541-962-7873	eoni.com	BBN	1.544	38	Yes	No	\$25.00	-	-	-	-
Empire Net Inc	Bend, OR	541-317-3437	empnet.com	UUNET/BBN	11.544	120	Yes	No	\$30.00	-	-	-	-
FireBumers BBS Online Inc	Toledo, OR	541-336-1028	fbo.com	Sprint	1.544	37	No	No	\$19.95	-	-	-	-
FISHBONE COMMUNICATIONS	Eugene, OR	541-345-4322	fci.net	MCI	1.544	102	Yes	No	\$20.00	-	-	20.00	x2
Gorge Networks	Hood River, OR	541-386-8300	gorge.net	Sprint/MCI	3.088	75	Yes	No	\$19.95	60	\$1.00	-	-
InfoStructure	Ashland, OR	541-858-7020	mind.net	MCI	0.099	9999	No	Yes	\$10.00	15	\$1.00	-	-
Internet Access Services	Springfield, OR	541-341-6001	jb.com	MCI	1.544	54	No	Yes	\$25.00	250	\$0.25	-	-
Koala Computers	Coos Bay, OR	541-267-5561	koalas.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-
LinkPort Communications	Hood River, OR	541-386-5332	linkport.com	Sprint/MCI/Sprint/UUNET	14.632	360	Yes	No	\$24.95	-	-	-	-
Magick Net Inc	Grants Pass, OR	541-471-2542	magick.net	Sprint	1.544	85	Yes	Yes	\$19.50	100	\$0.50	-	-
Medford Internet	Medford, OR	541-773-5000	medford.net	Sprint	1.544	75	No	No	\$15.00	300	\$0.50	-	-
NetBridge Internet Services	Newport, OR	541-265-2051	netbridge.net	Sprint	1.544	50	No	No	\$25.00	-	-	-	-
NetConnect	The Dalles, OR	541-298-4638	netcnct.net	UUNET	0.099	9999	No	No	\$20.00	60	\$1.00	-	-
Newport Internet	Newport, OR	541-265-3596	newportnet.com	Sprint	1.544	50	No	No	\$20.00	-	-	-	-
Northwest Internet Services Inc	Eugene, OR	541-485-7601	rio.com	MCI	0.099	9999	Yes	No	\$25.00	-	-	-	-
One World Internetworking Inc	Corvallis, OR	541-758-1112	oneworld.com	Sprint	0.099	9999	No	No	\$10.00	5	-	-	-
Oregon Public Networking	Eugene, OR	541-484-9637	efn.org	Sprint	1.544	210	Yes	No	\$7.00	-	-	-	-
PEAK -Public Electronic Access	Corvallis, OR	541-754-7325	peak.org	Sprint	1.544	108	Yes	No	\$10.00	150	\$0.20	-	-
PacInfo	Eugene, OR	541-344-5006	pacinfo.com	MCI	1.544	25	Yes	No	\$19.95	-	-	-	-
PioneerNet	Philomath, OR	541-929-4871	pioneer.net	Sprint	1.544	90	No	Yes	\$9.95	20	\$1.50	-	-
Preferred Systems	Lakeside, OR	541-759-3126	presys.com	MCI	1.544	128	No	No	\$25.00	-	-	-	-
ProAxis Communications, Inc.	Corvallis, OR	541-757-0248	proaxis.com	Sprint/UUNET	3.088	450	Yes	No	\$14.95	125	\$0.95	-	-
Rosenet Inc	Roseburg, OR	541-440-1447	rosenet.net	UUNET	1.544	100	No	No	\$25.00	150	\$0.95	-	-
SKIPNET INC.	Albany, OR	541-967-9575	skipnet.com	UUNET	3.088	80	No	Yes	\$19.95	-	-	-	-
The Pond	Eugene, OR	541-302-1295	pond.net	Sprint	1.544	11060	Yes	Yes	\$20.00	150	\$0.50	-	-
WaveNet	Medford, OR	541-776-5049	wave.net	Sprint/MCI	0.099	9999	Yes	No	\$8.95	10	\$0.50	-	-
Waystation Networking	Eugene, OR	541-485-4251	waystation.com	Sprint	1.544	20	Yes	No	\$15.00	-	-	-	-
Whalenet Communications Co.	Burns, OR	541-573-5003	burnsnet.com	MCI	3.088	30	No	No	\$20.00	50	\$1.00	-	-
WIZZARDS OF THE WWW INC	Roseburg, OR	541-672-1309	wizzards.net	MCI	1.544	130	No	No	\$19.95	-	-	39.95	Rock56flex
A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	30.00	Rock56flex
AUSNet Services	Portland, OR	503-242-1400	us.world.net	Sprint/MCI	3.088	48	Yes	Yes	-	-	-	-	-
Blue Mountain Internet	Walla Walla, WA	509-522-5006	bmi.net	MCI	4.632	350	Yes	No	\$19.95	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
E-Z Net	Vancouver, WA	360-260-1122	e-z.net	MCI	1.544	150	No	No	\$9.95	30	\$0.45	-	-
InterBytes Corp	Portland, OR	503-224-2169	bytes.net	MCI/UUNET	0.099	9999	Yes	No	\$30.00	60	\$1.00	-	-
Interconnected Associates	Seattle, WA	206-622-7337	ixa.net	UUNET/MCI/Sprint/AGIS	18.264	-	Yes	No	-	-	-	-	-
Micron Internet Services	Boise, ID	208-368-5400	micron.net	MCI/Sprint	9.264	976	Yes	No	\$19.95	150	\$1.00	-	-
Network 13	Portland, OR	503-295-0680	network13.net	MCI	6.500	500	Yes	No	\$25.00	-	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-	-

OPEN.org	Salem, OR	503-588-6192	open.org	Sprint	1.544	144	No	No	\$8.00	30	\$1.00	-	-
Online Sports	Portland, OR	503-246-8112	sports.net	MCI	0.099	9999	No	Yes	\$15.00	-	-	-	-
Oregon Interactive	McMinnville, OR	503-434-5801	oregon.com	MCI	0.128	24	No	No	\$9.50	60	\$0.25	-	-
QuickNet Communication's	Portland, OR	503-736-9011	quicknet.com	UUNET/MCI	3.088	10	Yes	No	\$15.00	-	-	-	-
Rainet Inc	Portland, OR	503-227-5665	rain.net	Sprint/MCI	39.632	43	Yes	Yes	\$20.00	10	\$1.00	-	-
STRUCTURED NETWORK SYS.	Portland, OR	503-656-3530	structured.net	UUNET/MCI/Sprint	45.000	48	Yes	No	-	-	-	25.00	LucK56flex
TEGRIS Corporation	Bellevue, WA	206-990-3300	tgris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
Teleport Internet Services	Portland, OR	503-223-0076	teleport.com	Sprint/MCI	6.176	1600	No	No	\$21.00	120	-	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-
Transport Logic	Portland, OR	503-243-1940	transport.com	Sprint/MCI/UUNET/MAE East	0.099	9999	Yes	Yes	\$15.00	40	\$1.00	-	-
Triax Internet Services	Portland, OR	503-598-8634	triax.com	MCI	1.544	288	No	No	\$19.95	-	-	-	-
VastNet	Canby, OR	503-263-0912	vastnet.com	MCI	0.099	9999	No	No	\$5.95	5	\$1.00	-	-

561 Area Code ♦ FLORIDA

Arisian Software, Inc.	Jupiter, FL	561-744-1253	arisia.net	UUNET	45.000	200	No	No	\$19.95	75	\$1.95	-	-
Boca.net Inc	Boca Raton, FL	561-394-8080	boca.net	MCI/Sprint/UUNET/IBM	33.000	198	Yes	Yes	\$20.00	-	-	-	-
DAILY PLANET INTERNET SRVS.	Boca Raton, FL	561-369-1022	dailyplanet.net	Sprint/MCI	4.632	292	Yes	Yes	\$19.95	-	-	29.95	x2
ECQUAL Systems Int'l Inc	Stuart, FL	561-223-7250	ecqual.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Evolution Communications, Inc	North Palm Beach, FL	561-624-7570	evcom.net	MCI	1.544	71	Yes	Yes	\$19.95	-	-	-	-
Internet Communication Service Corp	Lake Worth, FL	561-966-0130	icsc.net	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
JBX Online	Boca Raton, FL	561-883-5197	jbx.com	CWIX	0.099	9999	No	No	\$25.00	-	-	-	-
M.A.G. Information Services	Lake Worth, FL	561-964-9841	magg.net	MCI	1.544	273	Yes	Yes	\$19.95	-	-	-	-
MATRIX COMMUNICATIONS, INC.	West Palm Beach, FL	561-615-6699	maco.net	BBN	1.544	202	Yes	Yes	\$17.95	-	-	17.95	x2
NETLINE COMMUNICATIONS	West Palm Beach, FL	561-966-5459	netline.net	Sprint	1.544	160	Yes	Yes	\$19.95	-	-	49.95	x2
New Power BBS Inc	Boca Raton, FL	561-750-7455	newpower.com	GridNet	3.088	212	Yes	Yes	\$16.90	-	-	-	-
SOUTHERN INTERNET SERVICES	Palm Beach Gardens, FL	561-627-7227	siservices.net	BBN	1.544	134	Yes	Yes	\$19.95	-	-	34.95	x2
SuNet Direct Corp	Vero Beach, FL	561-770-0280	sunet.net	GridNet	1.544	55	No	No	\$13.95	-	-	-	-
Telegraph New Technologies	West Palm Beach, FL	561-832-6905	telegraph.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
The EmiNet Domain	Boynton Beach, FL	561-731-0222	emi.net	Sprint	3.088	400	No	No	\$19.95	-	-	-	-
Treasure Coast Internet Services	Stuart, FL	561-286-6998	treco.net	Sprint	1.544	50	No	No	\$20.00	-	-	-	-
TRUNET CORP	West Palm Beach, FL	561-832-8832	truenet.net	BBN	3.088	42	Yes	Yes	\$19.95	-	-	50.00	x2
Acquired Knowledge Systems Inc	Fort Lauderdale, FL	954-525-2574	aksi.net	Sprint	3.088	69	No	Yes	\$19.95	60	\$1.00	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
ComStar USA, Inc.	Sunrise, FL	954-777-4050	csusa.net	Sprint	1.544	20	No	No	\$16.00	-	-	-	-
CyberAgency Corp	Fort Lauderdale, FL	954-677-9327	cyberagency.net	BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
Florida Internet Corp	West Palm Beach, FL	407-615-0001	flinet.com	MCI/Sprint	3.088	200	Yes	Yes	\$19.95	-	-	-	-
Florida Xpress Net	Deerfield Beach, FL	954-427-9655	fxn.com	Sprint	1.544	400	Yes	Yes	\$19.95	-	-	-	-
Fort Lauderdale Network	Fort Lauderdale, FL	954-489-3981	ft.lauderdale.net	CWIX/BBN	45.000	-	Yes	No	-	-	-	-	-
Global Datalink, Inc.	Orlando, FL	407-841-3690	gdi.net	Sprint	0.099	9999	Yes	Yes	\$14.95	100	\$1.00	18.00	-
GROUND ZERO COMMUN.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
ICANECT	Miami, FL	305-621-9200	icanect.net	UUNET/Sprint/CWIX	45.000	3058	Yes	Yes	\$17.95	300	-	-	-
Internetworks International Inc	Gainesville, FL	352-378-1902	inetw.net	Sprint	0.099	9999	No	Yes	\$15.00	500	\$1.00	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
LakerNet	Fort Lauderdale, FL	954-359-3670	laker.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
MetroLink Internet Services Inc	Melbourne, FL	407-253-9300	metrolink.net	Netrail	1.544	230	Yes	No	\$19.99	-	-	-	-
NETRUNNER INC	Miami, FL	305-255-5800	netrunner.net	UUNET/AGIS	9.264	460	Yes	Yes	\$19.95	-	-	49.00	x2
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
New World Telecommunications, Inc.	Fort Lauderdale, FL	954-370-0486	nwt.net	BBN	1.544	200	Yes	No	\$15.00	-	-	-	-
PowerSite Internet Services, Inc.	Deerfield Beach, FL	954-427-6144	powersite.net	MCI	1.544	32	No	No	\$17.50	300	\$1.00	-	-
Safari Internet	Fort Lauderdale, FL	954-537-9550	safari.net	MCI	1.544	200	Yes	No	\$24.95	-	-	-	-
SatelNet Communications Inc	Davie, FL	954-321-5660	satelnat.org	AGIS/MCI/UUNET	4.632	70	Yes	No	\$25.00	-	-	-	-
The Data Channel	Margate, FL	954-344-9700	datachan.com	Sprint	1.544	16	No	No	\$10.95	-	-	-	-
THENET DIGITAL SERVICES INC	Miami, FL	305-377-1755	thenet.net	UUNET	45.000	392	Yes	Yes	\$22.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED. ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY	HRS.	ADDL.	56 Kbps DIAL-UP MONTHLY	ARCHITECTURE
561 Area Code ♦ FLORIDA													
WAMNETRUNNER	Boca Raton, FL	407-392-9422	wamnetrunner.com	UUNET/AGIS	3.088	530	Yes	Yes	\$19.95	-	-	25.00	x2
WebStar Inc.	Deerfield Beach, FL	954-428-8829	web-star.net	MCI	3.088	175	Yes	Yes	\$19.95	-	-	-	-
Zimmerman Communications	Plantation, FL	305-584-0199	zim.com	MCI	1.544	30	No	Yes	\$18.95	-	-	-	-

562 Area Code ♦ CALIFORNIA													
OmniComm BBS	Lakewood, CA	562-938-9444	ocis.com	DataXchange	1.544	25	No	No	\$18.00	-	-	-	-
OneGlobe.Net	Long Beach, CA	562-495-6400	oneglobe.net	Sprint	1.544	23	No	No	\$19.95	-	-	-	-
PCS	Norwalk, CA	562-483-6828	cyberpcs.com	AGIS	4.632	288	Yes	No	\$12.95	-	-	-	-
A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	18.95	Rock56flex
BEACHNET INC	Marina del Rey, CA	310-823-3308	beachnet.com	AGIS	3.088	46	No	Yes	\$24.95	200	\$1.00	29.95	Rock56flex
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150	\$1.50	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/Rock56flex
Internet Business Services Inc	Anaheim, CA	714-635-9777	4ibs.com	CWIX	15.632	23	Yes	Yes	-	-	-	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	-	-	24.95	x2/Rock56flex/LucK56flex
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	-	-	9.99	Rock56flex/LucK56flex
Millenia	Signal Hill, CA	310-986-9785	millenia.com	UUNET	1.544	9	No	Yes	\$20.00	-	-	-	-
NETouch Communications, Inc.	Irvine, CA	714-789-9170	netouch.net	AGIS	45.000	230	Yes	Yes	-	-	-	-	-
Nayzak Communications	Anaheim, CA	714-520-8384	nayzak.com	MCI	1.544	300	Yes	No	\$14.95	-	-	-	-
NetQuest	Westminster, CA	714-379-8228	net-quest.com	MCI	1.544	42	No	No	\$20.00	-	-	-	-
NetSol Technologies	Walnut, CA	909-869-6455	netsol.net	AGIS/PSINet	3.088	150	Yes	No	\$15.00	-	-	-	-
Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-	-	-	-
Netwood Communications	Los Angeles, CA	310-442-1530	netwood.net	MCI	1.544	55	No	No	\$19.95	-	-	-	-
QuickNet - ICG Inc	Newport Beach, CA	714-852-2100	quick.net	AGIS	45.000	512	Yes	No	\$20.00	-	-	-	-
SoftAware	Marina del Rey, CA	310-305-0275	software.com	GoodNet	45.000	-	Yes	No	-	-	-	-	-
Southland Internet Services	Fullerton, CA	714-441-3000	southland.net	MCI	1.544	30	No	No	\$20.00	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
The Web Presence Group	Redondo Beach, CA	310-793-2410	webpg.net	MCI	1.544	16	No	No	\$19.95	-	-	-	-
Thirdwave Information Services	Santa Ana, CA	714-751-7614	lax.thirdwave.net	MCI	3.088	28	Yes	Yes	\$24.00	300	\$1.00	-	-
Winteractive Communications	Fountain Valley, CA	714-378-3768	winteractive.com	UUNET	3.088	20	No	No	\$15.00	-	-	-	-

573 Area Code ♦ MISSOURI													
Advertisnet Internet Services	Osage Beach, MO	573-302-1100	advertisnet.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
Bootheel Online	Kennett, MO	573-888-0099	bootheel.net	Sprint	0.512	30	No	No	\$19.95	200	\$1.80	-	-
Columbia Online Information Network	Columbia, MO	573-499-9474	coin.missouri.edu	Sprint	1.280	90	No	No	\$75.00	90	-	-	-
Computer Services Co	Jefferson City, MO	573-635-5748	cscdata.net	MCI	0.099	9999	No	No	\$24.00	-	-	-	-
ComputerLand	Columbia, MO	573-446-8881	computerland.net	MCI/MCI	3.088	128	Yes	No	\$19.95	-	-	-	-
Connect 2000	St Robert, MO	573-336-8716	ctwok.com	DataXchange	0.099	9999	No	No	\$20.00	-	-	-	-
Innovative Micro Solutions	Poplar Bluff, MO	573-785-6733	ims-1.com	CRL	1.544	76	Yes	No	\$17.50	-	-	-	-
LDD Inc.	Cape Girardeau, MO	573-651-3373	ldd.net	MCI	3.088	682	No	No	\$19.95	-	-	-	-
LeadBelt.com	Park Hills, MO	573-431-2922	leadbelt.com	Nap.Net	0.099	9999	No	No	\$19.95	-	-	-	-
NEMONET.COM, INC.	Hannibal, MO	573-221-5558	nemonet.com	MCI	1.544	240	Yes	Yes	\$9.00	15	\$2.00	9.00	x2/Rock56flex
Poplar Bluff Internet Inc	Poplar Bluff, MO	573-686-9114	pbmo.net	MCI	45.000	52	Yes	Yes	\$25.00	-	-	-	-
SOCKET Internet Services	Columbia, MO	573-817-0000	socket.net	Sprint	0.099	9999	Yes	Yes	\$9.00	15	\$1.80	-	-
St. Louis Online	Saint Louis, MO	573-754-5786	big-river.net	MCI	45.000	5	No	No	\$24.95	-	-	-	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-
US INTERNET	Columbia, MO	573-446-8442	usi.com	MCI	1.544	120	No	Yes	\$15.95	-	-	15.95	Rock56flex

Basic Communications Ltd	Quincy, IL	217-221-5400	bcl.net	Sprint/UUNET/MCI	4.632	384	Yes	Yes	\$20.00	-	-	-	-
CyberJunction.Net Inc	Saint Louis, MO	314-776-3009	cyberjunction.net	Sprint	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
FASTRANS LOGISTICS, INC.	Saint Louis, MO	314-429-9220	fastrans.net	UUNET	6.176	256	Yes	Yes	\$15.95	-	-	19.95	RockK56flex
First Class Solutions Inc	Saint Louis, MO	314-997-8998	1stnet.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
I-Land Internet Services	Sedalia, MO	816-829-4638	iland.net	Sprint	3.088	316	No	No	\$18.95	80	\$1.00	-	-
Internet Gateway Inc	Saint Peters, MO	314-936-8655	igateway.net	CWIX	1.544	83	Yes	Yes	\$25.00	504	\$1.50	-	-
MVP-Net Inc	Saint Louis, MO	314-434-4687	mvp.net	MCI	4.632	484	Yes	Yes	\$19.95	-	-	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-
TFSNet Inc	Mission, KS	913-262-4638	tfs.net	MCI/BBN	3.088	396	Yes	Yes	\$20.00	-	-	-	-

601 Area Code ♦ MISSISSIPPI

Aris Technology Inc	Starkville, MS	601-324-7638	aris.net	UUNET	1.544	-	Yes	No	-	-	-	-	-
Berean Solutions, Inc.	Tupelo, MS	601-840-2221	berean.net	MCI	1.544	16	Yes	No	\$21.95	-	-	-	-
CarBow InterNet	Biloxi, MS	601-374-0006	carbow.com	UUNET	0.099	9999	Yes	Yes	\$3.95	5	\$1.00	-	-
CrossRoads Access Corp.	Corinth, MS	601-286-3222	tsixroads.com	MCI	1.544	200	No	No	\$19.95	-	-	-	-
CYBERTRON INC	Meridian, MS	601-693-2697	cybertron.com	MCI	3.088	227	Yes	Yes	\$19.95	-	-	29.95	x2
DataStar, Inc.	Picayune, MS	601-799-2439	datastar.net	UUNET	0.099	9999	Yes	No	\$25.00	-	-	-	-
Datasync Inc	Ocean Springs, MS	601-872-0001	datasync.com	MCI	3.088	237	Yes	Yes	\$14.95	30	\$0.75	-	-
digiMag	Hattiesburg, MS	601-544-0380	digimag.net	Sprint	1.544	50	Yes	Yes	\$17.00	-	-	-	-
DigiScape Internet Services	Gulfport, MS	601-832-6186	digiscape.com	MCI	3.088	25	No	Yes	\$16.00	-	-	-	-
EBI Comm Inc	Columbus, MS	601-243-7075	ebicom.net	MCI	3.088	316	No	No	\$19.95	-	-	-	-
Gulfcoast OnLine Development	Long Beach, MS	601-864-2423	goldinc.com	AGIS	1.544	18	Yes	No	\$24.95	-	-	-	-
INTERNET DOORWAY INC	Jackson, MS	601-969-1434	netdoor.com	MCI	4.632	1532	Yes	Yes	\$20.00	250	\$5.00	20.00	x2
Internet Pathway	Quitman, MS	601-776-3355	netpathway.com	MCI	1.544	26	Yes	No	\$19.95	240	\$5.00	-	-
Internet Solution, Inc.	Jackson, MS	601-952-1310	misnet.com	UUNET	1.544	65	No	No	\$19.95	200	\$0.50	-	-
INTERNETPRO INC.	Clinton, MS	601-924-2189	internetpro.com	MCI	1.544	13	No	Yes	\$17.50	250	\$0.10	34.00	x2
LINC INC	Mc Comb, MS	601-684-8222	lincup.com	MCI	45.000	123	No	No	\$19.95	-	-	45.00	x2/RockK56flex
META3 Inc	Jackson, MS	601-948-3399	metamall.com	MCI/UUNET	13.088	-	Yes	No	-	-	-	-	-
Mississippi Internet Services, Inc.	Vicksburg, MS	601-661-0081	magnolia.net	UUNET	1.544	60	No	No	\$18.95	-	-	-	-
NSE Internet Service Inc	Biloxi, MS	601-374-6510	nse.com	MCI	3.088	88	Yes	Yes	\$17.95	-	-	-	-
NetLinX Technologies	Memphis, TN	601-342-6665	netlinx.com	UUNET	3.088	32	No	No	\$19.95	-	-	-	-
TecInfo	Leland, MS	601-686-9009	tecinfo.com	MCI	1.544	120	No	No	\$24.95	-	-	-	-
Technology Information Services	Brookhaven, MS	601-833-0179	tislink.com	BBN	1.544	32	No	No	\$29.95	-	-	-	-
Telapex Internet	Jackson, MS	601-355-1522	telapex.com	UUNET	1.544	173	No	Yes	\$20.00	240	\$5.00	-	-
Vicksburg On Line	Vicksburg, MS	601-629-9596	vicksburg.com	MCI	1.544	57	No	No	\$20.00	-	-	-	-
VisionCom Inc	Biloxi, MS	601-435-8888	visioncom.net	UUNET	0.099	9999	Yes	Yes	\$17.50	-	-	-	-
Water Valley Interchange	Water Valley, MS	601-473-9209	watervalley.net	MCI	1.544	32	No	No	\$15.00	-	-	-	-
A2ZNET	Collierville, TN	901-854-1871	a2znet.com	MCI	1.544	32	No	No	\$19.95	-	-	25.00	x2
ALABAMA ONLINE INC	Birmingham, AL	205-870-1242	alonline.com	MCI/Sprint	44.776	207	No	Yes	\$19.95	-	-	24.95	x2
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
Internet Connection Services	Memphis, TN	901-362-3008	icserv.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	100.00	-
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-	-	-	-
NCSN INC	Nashville, TN	615-383-5856	ncsn.net	MCI	1.544	114	No	Yes	\$14.95	-	-	19.95	x2/RockK56flex
Techworks & AssurTech	Covington, LA	504-867-9486	nternet.com	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-

602 Area Code ♦ ARIZONA

AMUG	Phoenix, AZ	602-553-8966	amug.org	MCI/Sprint	3.088	130	Yes	Yes	\$16.67	-	-	-	-
ATI	Phoenix, AZ	602-946-6518	firstinter.net	Sprint/MCI/UUNET	45.000	432	Yes	Yes	\$19.95	-	-	19.95	x2
AZLink Internet Services Inc	Phoenix, AZ	602-404-7300	azlink.com	UUNET	1.544	52	No	No	\$25.00	125	\$1.00	-	-
Arizona Business Comm Network	Mesa, AZ	602-668-2888	azbz.com	GoodNet	1.544	20	No	No	\$19.95	150	\$1.00	-	-
Arizona InterActive Systems!	Phoenix, AZ	602-678-0633	azi.com	DataXchange	1.544	32	Yes	No	\$15.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED. ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
602 Area Code ♦ ARIZONA										
Axxess Point	Gilbert, AZ	602-507-1956	axtek.com	UUNET	1.544	50	No	No	\$19.95	-
azfamily.com	Phoenix, AZ	602-207-3371	azfamily.com	UUNET	0.099	9999	No	No	\$19.95	-
AzWest Internet Services, Inc.	Phoenix, AZ	602-944-2121	azwest.net	CRL	1.544	32	No	No	\$19.95	-
Communiverse.Com	Scottsdale, AZ	602-998-5701	communiverse.com	BBN	3.088	100	Yes	Yes	\$99.00	672
Crossroads Communications	Mesa, AZ	602-831-2800	xroads.com	Sprint	3.088	103	Yes	Yes	\$19.95	250
CyberVault Inc	Phoenix, AZ	602-956-1654	cybervault.com	MCI	0.512	25	No	No	\$20.95	150
DAPCO Software Engineering	Waddell, AZ	602-853-1200	dapco.com	UUNET	0.099	9999	No	No	\$16.50	-
Dancris Telecom	Scottsdale, AZ	602-874-2700	dancris.com	UUNET/MCI	3.088	200	No	No	\$16.50	-
DIGITAL NETWORK ACCESS (DNA)	Phoenix, AZ	602-277-2725	dnanet.com	CRL	3.088	48	Yes	Yes	-	450.00
Evergreen Internet Inc	Chandler, AZ	602-926-4500	evergreen.com	MCI	9.264	62	Yes	Yes	\$24.50	150
EXTREME INTERNET	Scottsdale, AZ	602-368-4638	extremezone.com	MCI	1.544	109	Yes	Yes	\$18.95	-
FiestaNet Communications	Phoenix, AZ	602-840-8248	fiestanet.com	MCI	1.544	48	Yes	No	\$19.95	150
Flatland Center BBS	Tempe, AZ	602-644-0863	yab.com		0.256	42	No	No	\$15.00	-
FUTUREONE INC.	Phoenix, AZ	602-852-9725	futureone.net	MCI/Sprint	6.176	486	Yes	Yes	\$19.95	-
GetNet International Inc	Phoenix, AZ	602-263-7559	getnet.com	GetNet	0.099	9999	Yes	No	\$16.99	-
GOODNET CORP.	Phoenix, AZ	602-303-9500	goodnet.com	GoodNet	45.000	1392	No	Yes	\$19.95	-
Hotcars.org Inc	Avondale, AZ	602-314-1341	hotcars.org	PSINet	1.544	4	No	Yes	\$18.95	200
Illusions Internet Solutions	Phoenix, AZ	602-678-0633	illusions.com	DataXchange	1.544	50	No	No	\$15.95	-
INIFICAD COMPUTING & DESIGN	Phoenix, AZ	602-265-4423	inificad.com	UUNET/Genuity	11.544	313	Yes	Yes	\$16.95	-
Innovative Data Solutions	Chandler, AZ	602-899-7654	idsweb.com	MCI/AGIS	3.088	75	Yes	No	\$25.00	-
INTERNET ACCESS, INC.	Phoenix, AZ	602-651-7000	neta.com	UUNET	6.176	182	Yes	Yes	\$20.95	150
INTERNET NOW, INC	Tempe, AZ	602-517-2066	doitnow.com	GoodNet/CRL	45.000	397	Yes	Yes	\$16.00	-
MegaNet Inc	Scottsdale, AZ	602-407-8444	mega.net	AGIS	0.099	9999	No	No	\$20.00	150
NETZONE	Scottsdale, AZ	602-991-4638	netzone.com	GoodNet	45.000	396	Yes	Yes	\$19.95	-
NETVALUE CORPORATION	Phoenix, AZ	602-824-8258	netvalue.net	MCI	1.540	1008	Yes	No	\$13.95	-
Network Safety Corp	Cave Creek, AZ	602-585-4099	safety.net	MCI	0.099	9999	Yes	No	\$19.95	-
Netwrx	Phoenix, AZ	602-997-9820	netwrx.net	MCI	1.544	284	No	Yes	\$19.95	-
Phoenix Computer Specialists	Phoenix, AZ	602-265-9188	pcslink.com	AGIS	1.544	21	Yes	Yes	\$19.95	150
PLANET SYSTEMS NETWORK	Phoenix, AZ	602-266-0911	psn.net	CRL	3.088	336	Yes	Yes	\$19.95	-
SCINET Inc	Scottsdale, AZ	602-991-3445	scinetinc.com	Sprint	1.544	20	Yes	No	\$29.95	150
Southwest Link	Scottsdale, AZ	602-946-6300	swlink.net	UUNET	1.544	120	No	No	\$23.00	-
TrekNet Internet	Phoenix, AZ	602-569-2549	treknet.net	BBN	0.099	9999	No	No	\$19.50	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30
Aces Research Inc	Tucson, AZ	520-322-6500	aces.com	Sprint/MCI/BBN	12.352	23	Yes	Yes	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-
Future Vision Inc	Jackson, MI	517-750-4746	futurevision.net	MCI	1.544	166	Yes	Yes	\$23.95	-
Innovative System Design	Tucson, AZ	520-791-3323	isdnet.com	MCI/MAE West	4.632	56	Yes	No	\$20.00	-
Internet Express	Colorado Springs, CO	719-592-1240	usa.net	ANS	0.099	9999	No	No	\$39.95	50
IONET	Oklahoma City, OK	405-270-0999	ionet.net	MCI/Sprint/GoodNet/DIGEX	24.664	4047	Yes	Yes	\$18.95	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-
Northlink LLC	Prescott, AZ	520-445-0707	northlink.com	Sprint	1.544	76	Yes	No	\$12.95	360
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-
RTD Systems & Networking Inc	Tucson, AZ	520-388-9000	rtd.com	AGIS/CRL	3.088	120	Yes	Yes	\$20.00	150
Transport Logic	Portland, OR	503-243-1940	transport.com	Sprint/MCI/UUNET/MAE East	0.099	9999	Yes	Yes	\$15.00	40

603 Area Code ♦ NEW HAMPSHIRE

4NH Communications	East Derry, NH	603-437-1975	4nh.com	MCI	1.544	200	No	No	\$25.00	-	-	-	-	-	-
BIT-NET Internet Services	Manchester, NH	603-645-6075	bit-net.com	MCI	1.544	110	Yes	No	\$20.00	-	-	-	-	-	-
CyberPort LLC	Claremont, NH	603-542-6510	cyberportal.net	Sprint	3.088	210	Yes	No	\$20.00	155	\$1.00	-	-	-	-
FX BBS Software Development	Nashua, NH	603-882-4880	fxbbs.com	Sprint	1.544	6	No	Yes	\$20.00	-	-	-	-	-	-
Fall Mountain Internet Services LLC	Charlestown, NH	603-826-5382	fmis.net	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-	-	-
Granite State Internet	Weare, NH	603-529-9916	gsinet.net	MCI	45.000	48	Yes	No	\$28.47	-	-	-	-	-	-
GreenHorse Communications, Inc.	Greenland, NH	603-433-2499	greenhorse.net	MCI	3.088	-	Yes	No	-	-	-	-	-	-	-
GroLen Communications Inc	Manchester, NH	603-645-0101	grolen.com	UUNET	1.544	999	No	No	\$19.95	-	-	-	-	-	-
InterWebb Communications Corp	Concord, NH	603-798-4477	interwebb.com	MCI	3.088	200	Yes	No	\$19.95	-	-	-	-	-	-
INTERNET SERVICES OF N.E.	Merrimack, NH	603-424-5278	isone.com	Sprint	1.544	72	Yes	Yes	\$18.00	70	\$0.25	34.00	-	-	RockK56flex
John Leslie Consulting	Milford, NH	603-673-6132	jlc.net	UUNET/BBN	1.928	64	Yes	No	\$20.00	133	\$0.01	-	-	-	-
LRNet Inc	Laconia, NH	603-524-3098	lr.net	MCI	0.099	9999	Yes	No	\$25.00	75	\$0.50	-	-	-	-
MCT Telecom	Contoocook, NH	603-746-2683	conknet.com	BBN	0.099	9999	Yes	No	\$23.95	-	-	-	-	-	-
MV Communications Inc	Manchester, NH	603-429-2223	mv.com	Sprint	0.099	9999	Yes	No	\$20.00	100	\$0.50	-	-	-	-
Mainstream Electronic Info Svcs	Merrimack, NH	603-423-6000	mainstream.net	MCI	1.544	100	No	No	\$44.95	100	-	-	-	-	-
Metro2000, Inc.	Manchester, NH	603-656-4120	metro2000.net	AGIS	1.544	51	Yes	Yes	\$20.00	100	\$0.25	-	-	-	-
MONADNET CORP	Keene, NH	603-352-7619	monad.net	Sprint/MCI	3.088	484	Yes	Yes	\$20.00	200	\$0.50	30.00	-	-	x2
MULTIPLATFORM INFOR. SRVS.	Nashua, NH	603-891-1682	token.net	UUNET/MCI	4.632	1925	Yes	Yes	\$20.00	-	-	40.00	-	-	RockK56flex
NCIA	Berlin, NH	603-752-1250	ncia.net	BBN	1.544	96	No	No	\$20.00	50	\$0.25	-	-	-	-
NETIS Public Access Internet	Londonderry, NH	603-437-1811	netis.com	Sprint	1.544	24	No	No	\$15.00	-	-	-	-	-	-
Net Resource, Inc.	Londonderry, NH	603-421-0570	net-resource.com	MCI	3.088	1000	Yes	No	\$24.95	-	-	-	-	-	-
Rocket Science Computer Svcs Inc	Portsmouth, NH	603-334-6444	rscs.net	Sprint	1.544	81	Yes	Yes	\$25.00	60	\$1.00	-	-	-	-
SEG Network Technologies Inc	Hanover, NH	603-643-5883	seg.net	BBN	45.000	-	Yes	No	-	-	-	-	-	-	-
Sugar River Net	Newport, NH	603-863-7840	smet.com	AGIS	0.099	9999	Yes	No	\$25.00	200	\$1.50	-	-	-	-
Sugar River Valley OnLine	Newport, NH	603-863-4498	sugar-river.net	UUNET	1.544	40	No	No	\$20.00	150	-	-	-	-	-
The Destek Group Inc	Nashua, NH	603-594-9630	destek.net	UUNET	0.099	-	Yes	No	-	-	-	-	-	-	-
Total Net NH	Concord, NH	603-225-8422	totalnetnh.net	Sprint	0.384	32	No	No	\$18.95	-	-	-	-	-	-
Tumpline Technologies Inc	Lebanon, NH	603-448-1500	tpk.net	BBN	1.544	130	Yes	No	\$20.00	-	-	-	-	-	-
XTDL	Bedford, NH	603-471-4700	xtdl.com	MCI	1.544	90	Yes	No	\$9.95	50	\$0.50	-	-	-	-
Advanced Communications Sys Inc	Woburn, MA	617-935-3544	star.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
Andonet Inc.	Andover, MA	508-794-8242	andonet.com	MCI/MCI	1.672	70	No	Yes	\$14.95	-	-	-	-	-	-
Complete Internet Access Inc	Cambridge, MA	617-225-4100	thecia.net	MCI/CWIX	20.000	7000	Yes	Yes	\$18.95	-	-	-	-	-	-
CYBERTOURS, INC.	Kennebunk, ME	207-985-3668	cybertours.com	MCI	4.632	528	Yes	Yes	\$17.95	-	-	-	19.95	-	x2
CYBERZONE COMMUNICATIONS	Plainfield, CT	860-564-7400	cyberzone.net	MCI/Sprint/UUNET	45.000	3690	Yes	Yes	\$19.95	-	-	-	19.95	x2/RockK56flex/LucK56flex	-
Global Communications INTERNET	Lowell, MA	508-323-0300	glci.net	UUNET	45.000	48	Yes	No	\$19.50	-	-	-	-	-	-
GREENNET	West Newbury, MA	508-363-8898	greennet.net	UUNET	1.544	442	Yes	Yes	\$19.95	100	\$0.50	45.00	-	-	x2
HARVARDNET	Boston, MA	617-531-2001	harvard.net	UUNET	45.000	72	Yes	No	-	-	-	35.00	-	-	x2
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-	-	-
Net Express Inc	Portland, ME	207-828-8680	nxi.com	Sprint/MCI	3.088	95	No	No	\$30.00	50	\$1.00	-	-	-	-
NetWay By MDC, Inc.	North Andover, MA	508-557-0097	netway.com	UUNET/DIGEX	3.088	274	Yes	No	\$19.95	-	-	-	-	-	-
NetWorx Internet Services Inc	Newburyport, MA	508-462-4000	worx.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-	-	-
SOVERNAT INC	Bellows Falls, VT	802-463-2111	sover.net	MCI/Sprint/UUNET	7.720	896	Yes	Yes	\$20.00	-	-	-	20.00	-	x2
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-	-	-
The Connecticut River Network	Wells River, VT	802-757-8003	connriver.net	MCI	0.099	9999	No	Yes	\$9.95	20	\$0.75	-	-	-	-
The Internet Connection Inc	Mansfield, MA	508-261-0383	ici.net	Sprint/MCI	0.099	9999	Yes	No	\$19.95	100	\$0.50	-	-	-	-
Together Networks	Burlington, VT	802-862-2030	together.net	Sprint	6.176	1125	No	Yes	\$19.95	-	-	-	-	-	-
USAInternet Inc	Danvers, MA	508-777-2600	usa1.com	MCI/Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-
Ultraset Communications Inc	Marlborough, MA	508-229-8400	ultraset.com	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-	-	-
ValleyNet Inc	Norwich, VT	802-649-2162	valley.net	BBN	1.544	115	No	No	\$14.95	100	\$0.50	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
603 Area Code ♦ NEW HAMPSHIRE										
WebSecure Inc	Saugus, MA	617-867-2300	websecure.net	MAE East/MAE West	45.000	-	Yes	No	-	-
Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-
WorldNET	Norwood, MA	617-551-9977	wn.net	CWIX/Sprint	0.099	9999	Yes	Yes	\$29.95	-
604 Area Code ♦ BRITISH COLUMBIA										
Axion Internet Communications	Vancouver, BC	604-687-8030	axionet.com	MCI/UUNET	45.000	1000	Yes	No	\$19.95	50 \$1.00
BC1.COM	Victoria, BC	604-381-5082	bc1.com	MCI	45.000	95	No	No	\$19.99	-
British Columbia Business	Sidney, BC	604-652-4815	commercial.net	MCI	1.544	100	No	No	\$19.95	10 \$1.65
Cyberion Networking - Vancouver	Surrey, BC	604-501-5430	helix.net	MCI/Sprint	10.808	155	No	Yes	\$16.95	25 \$1.80
Cyberlink System Corp	Cranbrook, BC	604-426-5175	cyberlink.bc.ca	MCI	0.099	9999	No	No	\$24.95	30 \$1.00
Cyberstore Systems	Vancouver, BC	604-482-3400	cyberstore.ca	Sprint/MCI	4.632	110	No	No	\$20.00	30 \$1.50
Genki Net	Vancouver, BC	604-327-5774	genki.net	Sprint	1.544	18	No	No	\$18.00	-
HookUp Communications	Kelowna, BC	604-763-1176	awinc.com	MCI	0.099	9999	No	No	\$9.95	5 \$3.00
Horizon Net	Victoria, BC	604-361-4410	horizon.bc.ca	iSTAR	1.544	18	No	No	\$20.00	36 \$1.25
Internet Gateway	Vancouver, BC	604-654-6088	intergate.bc.ca	iSTAR	0.099	9999	No	Yes	\$19.50	-
Internet Portal Services Inc	Vancouver, BC	604-257-9400	portal.ca	MCI	1.544	66	Yes	No	\$19.95	45 \$1.29
Internet XL	Coquitlam, BC	604-939-6995	xl.ca	MCI	10.000	144	Yes	No	\$19.95	-
LMI LegalMail Inc	Victoria, BC	604-662-3312	legalmail.com	Sprint	13.088	18	Yes	Yes	\$24.95	-
Octonet Communications Corp	Victoria, BC	604-995-2806	octonet.com	iSTAR	0.099	9999	No	No	\$19.95	50 \$1.00
Pacific Coast NET Inc	Victoria, BC	604-380-7322	pacificcoast.net	iSTAR	4.632	224	Yes	Yes	\$24.95	589 \$1.00
Pacific Interconnect Enterprises	Victoria, BC	604-953-2680	pinc.com	MCI	0.099	9999	No	Yes	\$5.95	2 \$3.00
SOHO Skyway	Gibsons, BC	604-482-1222	sohoskyway.net	MCI	10.000	47	No	Yes	-	-
SmartNet	Burnaby, BC	604-473-9700	smartt.com	MCI	0.099	9999	No	Yes	\$22.50	100 \$1.00
SPIRIT COMPUTER CORP	Abbotsford, BC	604-850-2653	spiritcom.com	MCI	3.088	12	Yes	No	-	-
Stargate Connections Inc	Burnaby, BC	604-606-8999	starcon.com	Sprint	1.544	59	No	Yes	\$29.95	50 \$1.50
Sunshine Net Inc	Grantham's Landing, BC	604-886-4120	sunshine.net	iSTAR	1.544	48	No	No	\$30.00	60 \$1.00
The Net Idea Telecommunications Inc	Nelson, BC	604-352-3512	netidea.com	iSTAR	0.099	9999	No	No	\$19.95	30 \$1.00
UNISERVE ONLINE	Aldergrove, BC	604-856-6281	uniserve.com	MCI	3.088	900	No	Yes	\$8.95	10 \$1.00
Webtec Computing Solutions Inc	Duncan, BC	604-715-0988	cowichan.com	iSTAR	0.256	20	No	No	\$27.00	48 \$2.00
WestCoast LAN Co Ltd	Victoria, BC	604-475-3014	wlc.com	MCI	0.099	9999	No	Yes	\$15.00	25 \$1.00
Whistler Networks	Whistler, BC	604-932-0606	whistler.net	Sprint	0.099	9999	Yes	No	\$24.95	15 \$1.75
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-
Alberta SuperNet	Edmonton, AB	403-441-3663	supernet.ab.ca	MCI	0.099	9999	No	No	\$29.95	100 \$2.00
ALPHA COMMUNICATIONS LTD	Calgary, AB	403-230-5678	alphacom.com	Sprint	1.544	128	No	Yes	\$30.00	60 \$2.00
Arrowsmith Electronics	Coombs, BC	250-248-4129	bcsupernet.com	MCI	3.088	32	No	No	\$20.00	50 \$1.00
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40 \$1.00
Caspar Computer Services Inc	Mississauga, ON	905-565-0156	caspar.net	MCI	0.256	14	No	Yes	\$20.00	20 \$1.00
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40 \$1.00
Cybersurf Information Access	Calgary, AB	403-777-2000	cia.com	Sprint	0.099	9999	Yes	Yes	\$16.60	21 \$0.80
Earth Commerce Inc	Victoria, BC	250-727-3460	earthcommerce.com	Sprint	13.088	8	No	Yes	\$24.95	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100 \$1.00
INTRANET Technologies Inc	Ottawa, ON	613-233-7455	intranet.ca	Sprint	0.099	9999	Yes	Yes	\$29.95	90 \$0.75
Irenyx Data Group Inc	Courtenay, BC	250-334-9641	ark.com	Sprint	0.099	9999	Yes	No	\$19.95	50 \$1.50
Island Internet	Nanaimo, BC	250-753-1139	island.net	MCI	10.000	483	No	Yes	\$24.95	60 \$1.50
ISLAND NET AMT SOLUTIONS	Victoria, BC	250-383-0096	islandnet.com	iSTAR	3.088	434	No	Yes	\$19.95	35
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90 \$1.00
Nisa OnLine Systems	Nanaimo, BC	250-751-1111	nisa.net	MCI	1.544	20	Yes	No	\$19.95	50 \$0.85

Okanagan Internet Junction Inc	Vernon, BC	250-549-1036	junction.net	MCI/Sprint	10.256	500	Yes	No	\$29.95	60	\$1.25	-	-
Pacific Rim Network Inc	Bellingham, WA	360-650-0442	pacificrim.net	Sprint/MCI/UUNET/AGIS	45.000	5750	Yes	Yes	\$12.95	-	-	-	-
Silk Internet	Kelowna, BC	250-860-4202	silk.net	MCI	1.544	102	No	No	\$14.50	25	\$2.00	-	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-
Vicnet Communications Inc	Victoria, BC	250-380-9333	vicnet.net	Sprint	45.000	1800	Yes	Yes	\$17.95	20	\$1.95	-	-

605 Area Code ♦ SOUTH DAKOTA

Altair Enterprises Inc	Deadwood, SD	605-578-1400	mato.com	MCI	1.544	33	Yes	Yes	\$20.00	-	-	-	-
Basec.Net Llc	Huron, SD	605-352-0005	basec.net	AGIS	6.176	137	Yes	No	\$28.00	200	\$0.75	-	-
Berglund Data Services	Watertown, SD	605-882-4232	bergdat.com	Sprint	0.099	9999	No	Yes	\$10.00	10	\$1.50	-	-
Cybermex Inc	Sioux Falls, SD	605-371-4440	sd.cybermex.net	UUNET	3.088	138	Yes	Yes	\$19.95	-	-	-	-
Dakota Internet Services Inc	Sioux Falls, SD	605-371-1962	dakota.net	Sprint	1.544	44	Yes	Yes	\$20.00	90	\$0.90	-	-
DIGITAL SERVICES CORP	Watertown, SD	605-886-0533	daknet.com	MCI/AGIS	3.088	27	Yes	Yes	\$24.95	200	\$1.00	29.95	x2
E-NET Information Services	Rapid City, SD	605-341-3638	enetis.net	MCI	1.544	55	Yes	Yes	\$19.95	-	-	-	-
Electronic Free Press	Sioux Falls, SD	605-334-0272	on-ramp.com	DataXchange	0.056	13	No	No	\$20.00	-	-	-	-
Internet Services / Black Hills	Rapid City, SD	605-343-3190	rapidcity.com	MCI	1.544	40	Yes	Yes	\$8.00	5	\$0.50	-	-
Internet Services/Blackhills Inc	Spearfish, SD	605-642-2244	blackhills.com	MCI	1.544	50	Yes	Yes	\$8.00	5	\$0.50	-	-
Iway Internet Services	Sioux Falls, SD	605-331-4211	iw.net	MCI/AGIS	3.088	306	Yes	Yes	\$19.95	75	\$0.50	-	-
Midwest Data Exchange	Aberdeen, SD	605-225-2246	mdex.net	MCI	1.544	20	Yes	No	\$19.95	100	\$0.25	-	-
ProTECH Engineering	Britton, SD	605-448-5942	brittonsd.com	MCI	1.544	10	No	No	\$30.00	-	-	-	-
RapidNet LLC	Rapid City, SD	605-341-3283	rapidnet.com	AGIS/MCI	0.099	9999	No	No	\$20.00	-	-	-	-
Tele-Tech, Inc.	Sioux Falls, SD	605-335-4142	tth.net	UUNET	1.544	20	Yes	No	\$19.95	150	\$1.00	-	-
YEBB - Prairie Net	Sioux Falls, SD	605-334-8088	yebb.com	Sprint	1.544	13	No	No	\$16.98	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
A.C.S. Networks	Hawarden, IA	712-552-1136	acsnet.com	MCI	1.544	26	Yes	No	\$9.43	20	\$1.00	-	-
CYBERNEX INC	Hackensack, NJ	201-457-3700	cybernex.net	Sprint/UUNET	3.088	1686	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
Pioneer Internet	Sergeant Bluff, IA	712-271-0101	pionet.net	MCI	4.632	300	Yes	No	\$22.95	-	-	-	-
Tstech.com	Sioux City, IA	712-255-1775	tstech.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-

606 Area Code ♦ KENTUCKY

Internet One Inc	Richmond, KY	606-623-6258	ione.net	MCI	1.544	120	No	No	\$11.95	-	-	-	-
kih online	London, KY	606-864-4429	kih.net	Sprint/BBN	7.720	1650	No	Yes	\$20.00	-	-	-	-
Mikrotec Internet Services Inc	Lexington, KY	606-225-1488	mis.net	MCI/BBN	6.176	600	Yes	No	\$17.95	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
CTD Technologies Inc	West Chester, OH	513-755-2393	ctd.com	Sprint/UUNET	0.099	9999	Yes	Yes	\$19.50	-	-	-	-
Cinci-Net Online	Cincinnati, OH	513-624-6962	cicni.net	MCI	1.544	24	No	No	\$15.00	-	-	-	-
Cincinnati Bell Telephone	Cincinnati, OH	513-565-3873	fuse.net	Sprint	45.000	624	Yes	Yes	\$19.95	-	-	-	-
Cincinnati Computer Connection	Batavia, OH	513-752-1533	ccc-bbs.com	Sprint	0.099	9999	No	No	\$15.00	6	-	-	-
Cinternet Internet Services	Cincinnati, OH	513-891-1228	cinternet.net	UUNET	1.544	65	No	No	\$19.95	-	-	-	-
DOT-NET LTD.	Cincinnati, OH	513-688-8330	dot-net.net	Sprint	1.544	196	Yes	Yes	\$17.95	-	-	24.95	x2
eve Inc	Huntington, WV	304-697-6770	eve.net	BBN	0.099	9999	No	No	\$19.95	-	-	-	-
Exodus Online Services	Cincinnati, OH	513-522-0011	eos.net	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
IgLou Internet Service	Louisville, KY	502-966-3848	iglou.com	UUNET/MCI	4.632	300	No	No	\$19.95	-	-	-	-
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Internet Access Cincinnati	Cincinnati, OH	513-333-0033	iac.net	MCI	1.544	110	Yes	Yes	\$25.00	150	\$0.25	-	-
INTERSTATE 2000, INC.	Jellico, TN	423-784-2000	jellico.com	DataXchange	1.544	110	No	No	\$19.95	-	\$1.00	29.95	x2
MANOR COMMUNICATIONS	Ironton, OH	614-533-1220	tic-http.net	MCI	1.540	480	Yes	No	\$19.95	-	-	19.95	x2
Marketing Power Network	Cincinnati, OH	513-381-7873	mpowernet.com	MCI	1.544	162	Yes	Yes	\$15.95	-	-	-	-
OPTIMUM.NET Internet Services	Cincinnati, OH	513-956-5000	optimum.net	ANS	1.544	125	Yes	Yes	\$4.95	5	\$1.25	-	-
OneNet Communications	Cincinnati, OH	513-326-6000	one.net	UUNET	45.000	1300	Yes	Yes	\$16.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
606 Area Code ♦ KENTUCKY										
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25 \$1.00 35.00 x2/RocK56flex
Primax Marketing Group	Cincinnati, OH	513-772-1223	primax.net	ANS	0.099	9999	Yes	Yes	\$4.95	5 \$1.25 -
Productivity OnLine	Cincinnati, OH	513-333-3113	pol.com	MCI	1.544	46	Yes	Yes	\$19.95	- -
RAM Technologies	Huntington, WV	304-523-1726	ramlink.net	Sprint	1.544	116	No	No	\$19.95	- -
Southeastern Online System Services	Williamson, WV	304-235-3767	sols.net	MCI	1.544	16	Yes	No	\$18.00	80 \$1.50 -
Tristate Online	Cincinnati, OH	513-230-5994	ix.net	Sprint	45.000	55	No	Yes	\$12.50	- -
WWW INTERNET SOLUTIONS INC.	Cincinnati, OH	513-528-8730	isoc.net	BBN	1.544	195	No	Yes	\$16.95	16.95 x2
ZOOMNET INC.	Portsmouth, OH	614-353-7708	zoomnet.net	Sprint	3.088	946	Yes	Yes	\$19.95	19.95 RocK56flex/LucK56flex

607 Area Code ♦ NEW YORK										
ART MATRIX - LIGHTLINK	Ithaca, NY	607-277-0959	lightlink.com	Sprint	1.544	188	No	Yes	\$20.00	30.00 x2
Chenango Net Services	Norwich, NY	607-337-7700	norwich.net	MCI	1.544	120	Yes	No	\$19.95	200 -
CLARITY CONNECT INC	Ithaca, NY	607-257-8268	clarityconnect.com	UUNET	45.000	306	Yes	Yes	\$15.30	15.30 x2
Custom Computer Solutions	Endwell, NY	607-748-4576	ccsis.com	DataXchange	0.056	14	No	No	\$15.00	10 \$2.00 -
DIGITAL MARKETPLACE, INC.	Delhi, NY	607-746-8888	digital-marketplace.net	Sprint	1.544	96	No	No	\$12.95	19.95 x2
MKL.NET	Bainbridge, NY	607-967-3700	mkl.com	UUNET	0.128	85	No	No	\$19.25	19.25 x2
Odyssey Networks	Homer, NY	607-749-6610	odyssey.net	UUNET	1.544	130	No	No	\$17.95	- -
OnLine Image, Inc.	Watkins Glen, NY	607-535-4215	onlineimage.com	Sprint	1.544	47	No	Yes	\$20.00	- -
PRONET	Binghamton, NY	607-724-0361	hancock.net	Sprint	45.000	96	Yes	Yes	\$18.95	300 -
Spectra Net	Johnson City, NY	607-798-7300	spectra.net	UUNET	3.088	255	Yes	Yes	\$19.95	- -
Cyber-Quest Online Services	Athens, PA	717-888-3282	cyber-quest.com	MCI	1.544	85	Yes	No	\$20.95	- -
Dreamscape Online, LLC.	East Syracuse, NY	315-437-4166	dreamscape.com	UUNET	45.000	625	Yes	Yes	\$18.95	- -
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	- -
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20 \$1.20 -
Nysemnet	Syracuse, NY	315-453-2912	nysemnet.org	Sprint	0.099	9999	No	No	\$25.00	25 \$1.50 -
ProLog	Palmerton, PA	610-826-6130	ptd.net	ANS/UUNET	44.776	2477	Yes	Yes	\$19.95	- -
Servicetech	Rochester, NY	716-263-3360	servtech.com	Sprint/MCI	0.099	9999	Yes	Yes	\$25.00	- -
Telenet	Fort Plain, NY	518-993-5777	telenet.net	Sprint/MCI/BBN	4.632	145	No	No	\$8.95	10 \$1.50 -
Virtual Communities Network	Liverpool, NY	315-233-1948	vcomm.net	UUNET	0.099	9999	No	No	\$20.00	- -
VvaNET	Rochester, NY	716-475-1610	vivanet.com	MCI	3.088	224	No	Yes	\$20.00	- -

608 Area Code ♦ WISCONSIN										
AXCess Computers	Madison, WI	608-288-0505	axcomp.com	Sprint	1.544	25	No	No	\$5.00	240 -
BOSSNet Internet Services	Beloit, WI	608-362-1340	bossnt.com	Sprint	0.099	9999	No	Yes	\$25.00	15 \$2.00 -
BRODnet — Bank of Brodhead	Brodhead, WI	608-897-2121	brodnet.com	MCI	1.544	20	No	No	\$25.00	- -
Berbee Information Networks Corp	Madison, WI	608-288-3000	binc.net	MCI	4.632	176	Yes	Yes	\$18.00	- -
Century Telephone of Wisconsin	La Crosse, WI	608-796-5300	centuryinter.net	UUNET	1.544	216	Yes	Yes	\$9.95	10 \$1.95 -
citynet	Platteville, WI	608-348-3340	cybertown.net	MCI	0.099	9999	No	No	\$20.00	- -
ForumNet Inc	Madison, WI	608-231-9030	forum.net	MCI	45.000	10	No	No	\$19.00	- -
Full Access Internet Services	Janesville, WI	608-755-9981	fab.net	UUNET	1.544	60	Yes	Yes	\$15.00	- -
FULLFEED LA CROSSE	La Crosse, WI	608-796-2727	lse.fullfeed.com	Sprint	1.544	132	Yes	Yes	\$12.00	60 12.00 x2
FullFeed Madison LLC	Madison, WI	608-246-4239	msn.fullfeed.com	Sprint	1.544	24	Yes	No	\$12.00	60 \$0.40 -
Global Dialog Internet	Madison, WI	608-223-0955	globaldialog.com	AGIS	10.535	268	Yes	Yes	\$18.95	- -
INTERNET EXPRESS INC	Madison, WI	608-223-5555	inexpress.net	Sprint	1.544	242	Yes	Yes	\$19.95	29.95 x2
IntraNet Inc	Madison, WI	608-231-9098	itis.com	Sprint/MCI	3.088	430	Yes	Yes	\$9.95	- -
Inwave Internet Inc	Janesville, WI	608-757-8055	inwave.com	MCI	1.544	264	Yes	No	\$18.95	- -
JADE BBS	Janesville, WI	608-758-2858	jadebbs.com	MCI	1.544	16	No	No	\$20.00	- -

JVLNET by Electrolam	Janesville, WI	608-758-8750	jvl.net	MCI	1.544	130	Yes	Yes	\$10.00	-	-	-	-
Micro Solutions	Baraboo, WI	608-356-0286	baraboo.com	BBN	1.544	70	No	Yes	\$20.00	-	-	-	-
Mid-Plains Internet	Middleton, WI	608-836-7873	midplains.net	MCI	0.099	9999	Yes	Yes	\$19.95	100	\$2.00	-	-
PALACE DOT NET, INC.	Portage, WI	608-742-1601	palacenet.net	Nap.Net	1.544	73	Yes	No	\$19.95	24	-	34.95	x2
SupraNet Communications Inc	Madison, WI	608-836-0282	supranet.net	AGIS/UUNET	0.099	9999	No	No	\$30.00	-	-	-	-
TerraCom Inc	Madison, WI	608-250-4444	terracom.net	MCI	0.099	9999	No	No	\$11.95	65	\$2.00	-	-
Tomah Byte Trail	Tomah, WI	608-374-2141	tomah.com	UUNET	1.544	26	No	No	\$24.95	4	-	-	-
WiscNet	Madison, WI	608-265-6761	wiscnet.net	Nap.Net	45.000	104	Yes	No	\$15.00	60	\$1.00	-	-
alpha dot net corp	Milwaukee, WI	414-274-7040	alpha.net	AGIS	45.000	-	Yes	No	-	-	-	-	-
DiscoverNet	Eau Claire, WI	715-830-1500	discover-net.net	MCI	1.544	208	Yes	Yes	\$19.95	-	-	-	-
Enterprise Communications	Brookfield, WI	414-860-6300	entercom.net	MCI	3.088	48	No	No	\$30.00	100	\$0.25	-	-
EXEC-PC INC	New Berlin, WI	414-789-4200	execpc.com	UUNET/MCI/AGIS	45.000	4660	Yes	Yes	\$12.00	65	-	15.00	x2
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-
Internet Dynamics Corp	Whitewater, WI	414-473-7700	idcn.net	AGIS	1.544	125	Yes	Yes	\$19.95	-	-	-	-
Luminet Inc	Winona, MN	507-454-8881	luminet.net	Sprint	0.099	9999	No	No	\$15.00	10	\$1.00	-	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
MIX COMMUNICATIONS INC	Brookfield, WI	414-290-2020	mixcom.com	Nap.Net/AGIS	3.088	480	Yes	No	\$12.95	-	-	12.95	Rock56flex/LucK56flex
MidWest Communications, Inc.	Dubuque, IA	319-557-8463	mwci.net	AGIS/MCI/Nap.Net	6.176	580	Yes	Yes	\$24.00	-	-	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex
Spacestar Communications	Eden Prairie, MN	612-996-0000	spacestar.net	MCI/Sprint/MCI/Sprint	0.099	9999	Yes	Yes	\$8.95	15	\$1.00	-	-
STARNET INTERNET SERVICES	Eau Claire, WI	715-830-7827	eau.net	Sprint/MCI/BBN	4.632	240	Yes	Yes	\$18.95	-	-	18.95	Rock56flex
TCC Communications	Brookfield, WI	414-827-9111	trcaccess.net	UUNET	0.099	9999	No	No	\$29.00	-	-	-	-
TCC Communications	Brookfield, WI	414-390-4457	tcocom.net	MCI/Sprint	45.000	514	Yes	Yes	\$19.95	150	\$1.00	-	-
The Peoples Telephone Co	Randolph, WI	414-326-3151	peoples.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
VisionNet	Milwaukee, WI	414-273-8200	vws.net	DataXchange	1.544	-	Yes	No	-	-	-	-	-
WI RURAL INTERNET	Wautoma, WI	414-787-5307	wirural.net	MCI	3.088	180	Yes	Yes	\$9.99	10	\$1.00	24.99	x2

609 Area Code ♦ NEW JERSEY

AAEC	Pennington, NJ	609-737-6800	aae.com	Sprint	1.544	45	No	Yes	\$18.95	-	-	-	-
Access Systems	Alloway, NJ	609-935-2332	accsyst.com	UUNET	0.099	9999	No	No	\$19.00	-	-	-	-
ADVANCED ONLINE SERVICES	Lawrenceville, NJ	609-631-8553	aosi.com	BBN	1.544	100	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
Algorithms Inc	Bridgeton, NJ	609-451-7979	algorithms.com	UUNET	1.544	197	Yes	Yes	\$19.95	-	-	-	-
Buy-Rite WorldWide Communications	Williamstown, NJ	609-728-7755	buyrite.com	AGIS	3.088	84	Yes	Yes	\$20.00	-	-	-	-
Communications Technology Inc.	Trenton, NJ	609-695-6500	cnsnramp.com	Sprint	1.544	8	No	No	\$19.95	-	-	-	-
CyberCity USA Online Services	Hamilton, NJ	609-890-6347	cybercityusa.com	DIGEX	0.056	10	No	No	\$15.00	-	-	-	-
CyberENET Network	Berlin, NJ	609-753-9840	cyberenet.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
CyberLynx	Voorhees, NJ	609-795-1622	cyberlynx.net	Sprint	1.544	-	Yes	No	-	-	-	-	-
Dandy Connections	Atlantic City, NJ	609-345-0500	dandy.net	DIGEX	1.544	47	No	Yes	\$12.95	-	-	-	-
Emanon Service Corp	Haddonfield, NJ	609-858-9888	emanon.net	Sprint	1.544	100	No	No	\$19.95	-	-	-	-
Family Network Services, Inc.	Cherry Hill, NJ	609-547-6499	wearefamily.com	Sprint	1.544	45	No	No	\$18.95	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
GlobalNet Enterprises	Ocean City, NJ	609-399-3645	globalent.net	MCI	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
Integrated Computer Services	Egg Harbor Township, NJ	609-927-7349	intserv.com	MAE East	45.000	200	Yes	No	\$19.95	-	-	-	-
InterActive Network Services	Turnersville, NJ	609-227-6380	jersey.net	AGIS/Sprint	4.632	246	Yes	Yes	\$19.95	-	-	-	-
InterNET-GATEway	Marlton, NJ	609-983-0066	net-gate.com	CWIX	1.544	80	No	No	\$20.00	-	-	-	-
InterStat Inc	Mount Laurel, NJ	609-234-2900	interstat.net	DIGEX	3.088	48	Yes	No	\$19.95	-	-	-	-
Internet Access Consortium Inc	Marlton, NJ	609-778-1653	iacnet.net	MAE East	1.544	20	Yes	Yes	\$10.00	-	-	-	-
JAGUAR NETLINK	Salem, NJ	609-769-0364	jaguarsystems.com	AGIS	1.544	594	Yes	Yes	\$14.00	-	-	19.95	x2
Jersey Cape Info Systems Inc	Marmora, NJ	609-390-7212	jerseycape.net	UUNET	3.088	180	Yes	Yes	\$19.95	-	-	-	-
Mosquito Net Inc	Mount Laurel, NJ	609-231-0240	mosquito.com	DIGEX	1.544	60	No	No	\$20.00	-	-	-	-
NERC Online	Princeton, NJ	609-452-8060	nerc.com	Sprint	1.544	35	No	No	\$15.00	8	-	-	-
NJ COMPUTER CONNECTION	Lawrenceville, NJ	609-896-2799	njcc.com	Sprint	3.088	165	No	Yes	\$19.95	-	-	19.95	Rock56flex/LucK56flex
NetK2NE	Browns Mills, NJ	609-893-0673	k2nesoft.com	MAE East	3.088	47	Yes	No	\$19.65	-	-	-	-
NetPro ComTech	Columbus, NJ	609-291-8090	netprotech.com	Sprint	1.544	16	No	No	\$20.00	100	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
609 Area Code ♦ NEW JERSEY										
Nothin But Net, LLC	Mount Laurel, NJ	609-222-1514	nothinbut.net	Sprint	1.544	90	Yes	Yes	\$19.95	-
OmniNET International, Inc.	Princeton, NJ	609-734-7420	omnicconnect.com	AGIS	3.088	440	Yes	Yes	\$17.95	-
PHD Computers	Malaga, NJ	609-694-2511	phd-computers.com	BBN	45.000	20	No	No	\$19.95	-
Pics Online Inc	Mount Holly, NJ	609-702-3900	pics.com	Sprint/MAE East	3.088	54	Yes	Yes	\$19.95	-
Red Sector A Inc	Marlton, NJ	609-988-8587	rsabbs.com	Sprint	0.099	9999	No	No	\$15.00	-
SNIP	Blackwood, NJ	609-228-2300	snip.net	Sprint/UUNET	3.088	534	Yes	Yes	\$12.42	12.42
Sagelink	Pitman, NJ	609-589-3036	sagelink.com	MAE East	0.099	9999	Yes	No	\$20.00	-
Starsys Software Inc	Bellmawr, NJ	609-931-2188	starsysfw.com	DIGEX	1.544	10	No	No	\$15.00	-
Tekconnect Inter-Networks	Cherry Hill, NJ	609-751-9595	tekconnect.net	MCI	3.088	96	Yes	Yes	-	-
The New Domain	Moorestown, NJ	609-235-8845	newdomain.com	Sprint	0.099	9999	Yes	No	\$15.00	-
The RE/COM Group Inc	Moorestown, NJ	609-722-9500	recom.com	Sprint	0.099	9999	No	No	\$19.95	-
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00	15.00
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-
Water Wheel Systems	Marlton, NJ	609-596-0032	waterw.com	Sprint	0.099	9999	Yes	No	\$20.00	-
ACCESS 2000	West Chester, PA	610-692-9205	axs2000.net	MAE East/Sprint	3.088	112	Yes	Yes	\$17.00	17.00
Advanced Systems Automation Inc	Edison, NJ	908-396-4340	asanet.com	UUNET/BBN	3.088	96	Yes	Yes	\$15.00	40
AMERI-COM INTERNET TECH.	Brick, NJ	908-262-2985	ameri-com.com	UUNET	1.544	219	No	Yes	\$19.95	19.95
Atlantic Internet Tech Inc	Red Bank, NJ	908-758-0505	exit109.com	AGIS/MCI	3.088	269	Yes	Yes	\$19.95	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-
CRISP Network Solutions Inc	Piscataway, NJ	908-885-0808	crisp.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$24.95	180
CSI Online Services	Beachwood, NJ	908-914-0167	csionline.com	DataXchange	0.099	9999	No	No	\$19.95	-
CASTLE NETWORK INC	Metuchen, NJ	908-548-8881	castle.net	Sprint/UUNET	3.088	105	Yes	No	\$5.20	7
Chester County World Access Ltd.	Downingtown, PA	610-873-3510	worldaxes.com	UUNET	1.544	600	Yes	No	\$17.95	-
COMCAT INC	Doylestown, PA	215-489-8875	comcat.com	DIGEX/MCI	6.176	464	Yes	Yes	\$19.95	19.95
Crusoe Communications Inc	Fairfield, NJ	201-882-1022	crusoe.net	UUNET	1.544	51	Yes	Yes	\$19.95	-
CyberComm Online Services	Toms River, NJ	908-818-3333	cybercomm.net	UUNET	3.088	325	No	No	\$20.00	-
Cyberix Inc	Warminster, PA	215-957-7730	cyberix.com	UUNET	1.544	100	No	No	\$18.95	-
CYBERNEX INC	Hackensack, NJ	201-457-3700	cybernex.net	Sprint/UUNET	3.088	1686	Yes	Yes	\$19.95	19.95
DCANet	Wilmington, DE	302-654-1019	dca.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$19.95	90
Data Matrix, Incorporated	West Chester, PA	610-701-5814	dmatrix.com	Netcom	3.088	-	Yes	No	-	\$0.50
DELANET INC	Newark, DE	302-832-3900	delanet.com	Sprint	1.544	360	No	Yes	\$11.99	11.99
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100
EarthStation Inter.net	King of Prussia, PA	610-962-1010	earthstation.net	Sprint	45.000	-	Yes	No	-	\$0.75
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-
Exec-u-Linx Corp	Manalapan, NJ	908-536-9528	excaliber.com	Sprint	1.544	80	No	No	\$15.00	-
FASTNET/ YOU TOOLS CORP	Bethlehem, PA	610-289-1100	fast.net	UUNET/Sprint/MCI	45.000	5990	Yes	Yes	\$19.95	19.95
HUDSONET INTERNET SERVICES	Hoboken, NJ	201-217-8284	hudsonet.com	MCI	3.088	53	Yes	Yes	\$25.00	25.00
IN Jersey	Neptune, NJ	908-922-0770	injersey.com	UUNET	0.099	9999	No	No	\$24.95	60
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99	35.00
LibertyNet	Philadelphia, PA	215-387-6440	libertynet.org	MCI	1.544	1200	No	No	\$19.95	-
Mark A Fry & Associates, Inc.	Whitehouse Station, NJ	908-534-5881	blast.net	Sprint/UUNET	6.176	198	Yes	Yes	\$18.95	-
MONMOUTH INTERNET	Red Bank, NJ	908-842-5366	monmouth.com	Sprint/AGIS	3.088	942	Yes	Yes	\$15.00	15.00
MYHOST INTERNET	Freehold, NJ	908-431-1866	myhost.com	MCI	1.544	72	Yes	Yes	\$12.95	12.95
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00	-
NetReach	Fort Washington, PA	215-283-2300	netreach.net	DIGEX	3.088	520	Yes	Yes	\$19.95	-

New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-
Sky Web Inc	Old Bridge, NJ	908-613-0500	skyweb.net	MCI/UUNET	3.088	170	Yes	Yes	\$19.95	-	-	-	-
SuperLink	Milltown, NJ	908-828-8988	superlink.net	UUNET/Sprint	3.088	600	Yes	No	\$21.95	-	-	-	-
Surf Network	Willow Grove, PA	215-784-7010	p3.net	UUNET	0.099	9999	Yes	Yes	\$18.00	-	-	-	-
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
Visual Information Technologies	Toms River, NJ	908-240-6300	vitinc.com	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No	-	-	-	-	-
WEB EXPRESS INC	Bridgewater, NJ	908-722-2211	webex.net	Sprint	11.544	248	Yes	Yes	\$25.00	-	-	300.00	x2
WEB SERVICES INC	Wilmington, DE	302-655-3287	wserv.com	Sprint	1.544	128	No	Yes	\$12.95	250	\$0.10	25.95	LucK56flex

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1USA.COM	West Lawn, PA	610-678-2300	1usa.com	DataXchange	1.544	36	No	No	\$18.95	23	-	-	-
ACCESS 2000	West Chester, PA	610-692-9205	axs2000.net	MAE East/Sprint	3.088	112	Yes	Yes	\$17.00	-	-	17.00	x2
Bee.Net	Exton, PA	610-280-2274	bee.net	MCI	1.544	9999	No	No	\$19.95	-	-	-	-
BRANDYWINE.NET	Oxford, PA	610-932-6590	brandywine.net	UUNET	1.544	64	No	Yes	\$19.95	-	-	19.95	LucK56flex
Chester County Internet Svcs Inc	Downingtown, PA	610-518-5700	chesco.com	AGIS	3.088	602	No	Yes	\$19.95	-	-	-	-
Chester County World Access Ltd.	Downingtown, PA	610-873-3510	worldaxes.com	UUNET	1.544	600	Yes	No	\$17.95	-	-	-	-
CrafTech Computer Solutions	Springfield, PA	610-566-0980	craftech.com	MAE East	45.000	40	Yes	No	\$9.95	20	\$1.80	-	-
Data Matrix, Incorporated	West Chester, PA	610-701-5814	dmatrix.com	Netcom	3.088	-	Yes	No	-	-	-	-	-
Delaware Valley On Line	Drexel Hill, PA	610-394-0900	dvol.com	MAE East	1.544	200	Yes	No	\$15.00	-	-	-	-
EARLY ACCESS	Kutztown, PA	610-683-8901	early.com	MCI/UUNET	9.000	1972	Yes	Yes	\$9.95	-	-	13.95	x2/RocK56flex/LucK56flex
EarthStation Inter.net	King of Prussia, PA	610-962-1010	earthstation.net	Sprint	45.000	-	Yes	No	-	-	-	-	-
Enter.net Inc	Allentown, PA	610-437-2221	enter.net	MCI	0.099	9999	No	No	\$15.95	-	-	-	-
FASTNET/ YOU TOOLS CORP	Bethlehem, PA	610-289-1100	fast.net	UUNET/Sprint/MCI	45.000	5990	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
Father and Son Information Service	Allentown, PA	610-776-8045	fsi.net	Sprint	3.088	50	No	No	\$15.95	-	-	-	-
FishNet	King of Prussia, PA	610-337-9994	pond.com	Sprint	1.544	140	Yes	No	\$19.95	-	-	-	-
Global Internet Management	Bala Cynwyd, PA	610-617-4515	gim.net	AGIS	0.099	9999	No	No	\$15.00	-	-	-	-
InterNet Connect	Broomall, PA	610-690-2197	icdc.com	Sprint	1.544	193	No	No	\$14.95	24	-	-	-
Internet Tidal Wave	Bethlehem, PA	610-882-4220	itw.com	UUNET	3.088	250	Yes	No	\$18.95	-	-	-	-
KeyStone Network	West Chester, PA	610-431-1995	keystonenet.com	Sprint	1.544	30	No	No	\$14.95	90	\$1.00	-	-
Network Analysis Group	Allentown, PA	610-391-1434	freedom.net	ANS	0.099	9999	No	No	\$25.00	-	-	-	-
NUNET, INC	Bethlehem, PA	610-882-5600	nni.com	DIGEX	45.000	1825	No	Yes	\$18.95	-	-	18.95	RocK56flex/LucK56flex
Oasis Telecommunications Inc	Whitehall, PA	610-439-8560	ot.com	MCI/CWIX	6.176	60	No	No	\$18.00	-	-	-	-
OpNet	Bryn Mawr, PA	610-520-2880	op.net	AGIS/CRL	3.088	400	Yes	Yes	\$20.00	-	-	-	-
ProLog	Palmerton, PA	610-826-6130	ptd.net	ANS/UUNET	44.776	2477	Yes	Yes	\$19.95	-	-	-	-
Talon Network Services	West Lawn, PA	610-670-4923	talon.net	Sprint/MCI/UUNET	4.632	148	Yes	Yes	\$18.95	400	-	-	-
The Network Depot	Exton, PA	610-458-8700	ndepot.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
The Web Weavers Net	Glenmoore, PA	610-594-1986	weavers.net	AGIS	1.544	34	No	Yes	\$16.80	-	-	-	-
Virtual World Communications	Collegeville, PA	610-409-0606	vwcom.com	-	1.544	39	Yes	Yes	\$17.95	-	-	-	-
AAA NETWORKS	Falls Church, VA	703-237-7400	aanetworks.net	PSINet	30.000	48	Yes	Yes	-	-	-	95.00	x2
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
BlackBoard Networks Inc	Bristol, PA	215-788-5196	blackboard.com	UUNET	1.544	30	No	No	\$15.00	-	-	-	-
COMCAT INC	Doylestown, PA	215-489-8875	comcat.com	DIGEX/MCI	6.176	464	Yes	Yes	\$19.95	-	-	19.95	RocK56flex
CyberENET Network	Berlin, NJ	609-753-9840	cyberenet.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Cyberix Inc	Warminster, PA	215-957-7730	cyberix.com	UUNET	1.544	100	No	No	\$18.95	-	-	-	-
DCANet	Wilmington, DE	302-654-1019	dca.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$19.95	90	\$0.50	19.95	-
DELANET INC	Newark, DE	302-832-3900	delanet.com	Sprint	1.544	360	No	Yes	\$11.99	-	-	11.99	x2
DELAWARE ONLINE	Wilmington, DE	302-762-0375	dol.net	Sprint	3.084	610	Yes	Yes	\$10.00	15	-	10.00	x2
Digital World	Newark, DE	302-234-6777	dgtlwrld.com	UUNET	1.544	20	No	No	\$10.00	-	-	-	-
Dynanet	Warminster, PA	215-773-0700	dynanet.com	AGIS	1.544	660	Yes	Yes	\$17.95	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
610 Area Code ♦ PENNSYLVANIA													
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
INET COMMUNICATIONS	Newark, DE	302-454-1780	inet.net	MCI/Sprint	3.088	485	Yes	Yes	\$17.95	-	-	17.95	x2
INET CONNECT	Columbia, PA	717-684-2567	inetconnect.com	Sprint	1.544	60	Yes	Yes	\$25.00	300	\$1.00	65.00	x2/RocK56flex
InterNet Delaware, Inc.	Newark, DE	302-737-1001	del.net	Sprint	1.544	154	No	Yes	\$17.95	-	-	-	-
Internet Access Consortium Inc	Marlton, NJ	609-778-1653	iacnet.net	MAE East	1.544	20	Yes	Yes	\$10.00	-	-	-	-
Internet21 Inc	Newark, DE	302-369-2500	i21.com	Sprint	1.544	20	No	Yes	\$19.95	-	-	-	-
LAN Solutions Inc	Newark, DE	302-452-2987	lansol.net	Sprint	1.544	20	Yes	Yes	\$19.95	90	\$1.50	-	-
LibertyNet	Philadelphia, PA	215-387-6440	libertynet.org	MCI	1.544	1200	No	No	\$19.95	-	-	-	-
Mark A Fry & Associates, Inc.	Whitehouse Station, NJ	908-534-5881	blast.net	Sprint/UUNET	6.176	198	Yes	Yes	\$18.95	-	-	-	-
Microserve Information Systems	Wilkes Barre, PA	717-821-5964	microserve.net	MCI/MAE East/MAE West/Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-
NETCARRIER INC	Telford, PA	215-257-4917	netcarrier.com	UUNET	3.088	502	Yes	Yes	\$17.95	-	-	19.95	x2/RocK56flex
NetReach	Fort Washington, PA	215-283-2300	netreach.net	DIGEX	3.088	520	Yes	Yes	\$19.95	-	-	-	-
Onix BBS and Internet Service	Bala Cynwyd, PA	215-877-4656	onix.com	MCI	1.544	44	No	No	\$20.00	24	-	-	-
PREPnet	Pittsburgh, PA	412-268-7870	prep.net	MCI	45.000	-	Yes	No	-	-	-	-	-
Planet Access Networks Inc	Stanhope, NJ	201-691-4704	planet.net	MCI/Sprint	4.632	215	Yes	Yes	\$35.00	6	\$1.00	-	-
RAVENET SYSTEMS INC	Yorklyn, DE	302-993-8420	ravenet.com	UUNET/MCI	3.088	441	Yes	Yes	\$25.00	-	-	25.00	x2
Red Rose SuperNet	Ephrata, PA	717-721-3353	redrose.net	Sprint/MCI	4.632	990	Yes	Yes	\$17.95	-	-	-	-
SNIP	Blackwood, NJ	609-228-2300	snip.net	Sprint/UUNET	3.088	534	Yes	Yes	\$12.42	-	-	12.42	x2
SSNet Inc	Middletown, DE	302-378-1386	ssnet.com	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
STARLINX	Newtown, PA	215-579-0589	starlinx.com	Sprint	1.544	192	No	No	\$16.95	-	-	19.95	RocK56flex
Surf Network	Willow Grove, PA	215-784-7010	p3.net	UUNET	0.099	9999	Yes	Yes	\$18.00	-	-	-	-
SYMLINK, INC.	Philadelphia, PA	215-972-0059	sym-link.net	Sprint	1.544	96	Yes	Yes	\$10.95	-	-	10.95	RocK56flex/LucK56flex
Tekconnect Inter-Networks	Cherry Hill, NJ	609-751-9595	tekconnect.net	MCI	3.088	96	Yes	Yes	-	-	-	-	-
THE MAGNETIC PAGE	Wilmington, DE	302-651-9753	magpage.com	UUNET/Sprint/MAE East	9.264	472	Yes	Yes	\$20.00	-	-	40.00	RocK56flex
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00	-	-	15.00	x2
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-	-	-	-
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-
WEB SERVICES INC	Wilmington, DE	302-655-3287	wserv.com	Sprint	1.544	128	No	Yes	\$12.95	250	\$0.10	25.95	LucK56flex

612 Area Code ♦ MINNESOTA

BackPack Software Inc	Saint Paul, MN	612-645-7550	bpsl.net	AGIS/MCI	3.088	164	Yes	Yes	\$25.00	-	-	-	-
Bitstream Underground	Minneapolis, MN	612-321-9290	bitstream.net	MCI	1.544	112	No	Yes	\$15.00	100	\$1.00	-	-
BLACK HOLE INTERNET	Eden Prairie, MN	612-944-1227	black-hole.com	Sprint	1.544	432	No	No	\$19.95	-	-	19.95	RocK56flex/LucK56flex
Boffin Ltd	Burnsville, MN	612-894-8909	bmh.net	BBN	1.544	30	No	No	\$19.95	200	\$1.00	-	-
CITILINK INTERNET	Minneapolis, MN	612-904-7293	citilink.com	MCI/UUNET	4.632	126	No	No	\$18.95	200	\$0.75	18.95	x2
DIGITAL ADVANTAGE CORP	Minneapolis, MN	612-927-8897	digitaladvantage.net	Sprint/MCI	3.088	60	No	No	\$19.95	-	-	19.95	x2
Digital Solutions Inc	Saint Paul, MN	612-488-1740	solon.com	MCI	0.028	1	No	No	\$19.95	-	-	-	-
Diversified Graphics	Minneapolis, MN	612-362-2500	dgi.net	UUNET	1.544	20	No	No	\$25.00	-	-	-	-
ENTERPRISE NETWORK SYSTEMS	Eagan, MN	612-683-9141	ens.net	Sprint	1.544	28	Yes	No	\$25.00	120	\$2.50	45.00	x2
FISHNET.COM, INC	Minneapolis, MN	612-338-3474	fishnet.com	UUNET	4.500	142	Yes	Yes	\$19.95	100	\$1.00	24.95	x2
Frontier Communications of MN	Burnsville, MN	612-435-1504	mn.frontiercomm.net	MCI	1.544	384	Yes	No	\$19.95	-	-	-	-
Gofast.net Inc	Saint Paul, MN	612-291-1890	gofast.net	MCI/Sprint	3.088	150	Yes	Yes	-	-	-	-	-
GOLDENGATE INTERNET SRVS.	Fridley, MN	612-574-2200	goldengate.net	MCI	1.544	203	Yes	Yes	\$24.95	200	\$1.00	25.00	LucK56flex
hockey net	Minneapolis, MN	612-520-0906	hockey.net	MCI	0.512	8	No	No	\$19.95	-	-	-	-
Iceworld Communications	Richfield, MN	612-643-7105	iceworld.org	AGIS	0.099	9999	No	No	\$25.00	-	-	-	-
incNET Inc	Eden Prairie, MN	612-943-3946	incnet.com	MCI	1.544	22	Yes	Yes	\$2.00	-	-	-	-

Infinity AccessNET	Eden Prairie, MN	612-944-7123	iaxs.net	AGIS	1.544	50	Yes	No	\$20.83	-	-	-	-
INNOVATIVE SOFTWARE DESIGNS	Minneapolis, MN	612-434-5800	isd.net	MCI	3.088	624	Yes	Yes	\$14.95	150	\$1.00	14.95	x2
InterNetwork Services	Maple Grove, MN	612-391-7300	inet-serv.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
J. River Inc	Minneapolis, MN	612-339-2521	jriver.com	Sprint	1.544	-	Yes	No	-	-	-	-	-
Land of Lakes Communications	Wyoming, MN	612-462-1617	landoflakes.com	Sprint/MCI/UUNET	4.632	16	No	No	\$24.95	250	-	-	-
LAWSHOP, INC.	Minneapolis, MN	612-452-0867	lawshop.com	MCI/Sprint	3.088	396	Yes	Yes	\$17.95	-	-	17.95	x2
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-	-
MN INTER.NET	Burnsville, MN	612-882-2990	mninter.net	MCI	3.088	2036	No	Yes	\$20.00	-	-	25.00	x2
MinnNet Communications Inc	Minneapolis, MN	612-944-8660	minn.net	UUNET/AGIS/Sprint	4.632	362	Yes	Yes	\$22.99	-	-	-	-
Minnesota MicroNet	Eagan, MN	612-882-7711	mm.com	MCI	0.099	9999	No	No	\$10.00	5	\$1.00	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	Luck56flex
Minnesota Regional Network	Minneapolis, MN	612-362-5800	mr.net	MCI/Sprint	0.099	9999	No	No	\$29.00	120	\$2.00	-	-
Minnetonka Micro Management	Minnetonka, MN	612-938-5234	minnmicro.com	Sprint	1.544	40	Yes	Yes	\$22.95	140	\$1.00	-	-
Netalliance Inc	Minneapolis, MN	612-542-9269	netalliance.net	Sprint	1.544	20	Yes	Yes	\$24.95	120	\$1.50	-	-
Orbis Internet Services Inc	Saint Paul, MN	612-603-9030	orbis.net	AGIS/MCI	0.099	9999	Yes	Yes	\$35.00	-	-	-	-
pcOnline Internet Services	Saint Paul, MN	612-647-6774	pconline.com	MCI	0.099	9999	No	No	\$18.95	-	-	-	-
pclink.com	Plymouth, MN	612-541-5656	pclink.com	MCI/Sprint	3.088	256	No	No	\$14.95	150	-	-	-
Protocol Communications Inc	Minneapolis, MN	612-623-9900	protocom.com	MCI/BBN	17.720	87	Yes	Yes	\$25.00	120	\$0.33	-	-
Real Time Enterprises Inc	Eden Prairie, MN	612-943-8700	real-time.com	MCI	0.099	9999	Yes	Yes	-	-	-	-	-
STIX Communications	Minneapolis, MN	612-717-4532	stix.com	DataXchange	1.544	50	No	No	\$14.95	-	-	-	-
SIHOPE COMMUNICATIONS	Eden Prairie, MN	612-829-9667	sihope.com	MCI	1.544	144	Yes	Yes	\$27.50	-	-	27.50	x2
SkyPoint Communications Inc	Wayzata, MN	612-475-2959	skypoint.com	MCI	3.088	423	Yes	Yes	\$24.95	-	-	-	-
Sonnek Communications	Monticello, MN	612-271-2550	soncom.com	-	1.544	10	No	No	\$14.95	120	\$24.95	-	-
Sound Choice Internet	Minneapolis, MN	612-874-6823	scc.net	MCI	1.544	52	Yes	Yes	\$19.95	-	-	-	-
Spacestar Communications	Eden Prairie, MN	612-996-0000	spacestar.net	MCI/Sprint/MCI/Sprint	0.099	9999	Yes	Yes	\$8.95	15	\$1.00	-	-
SUMMIT POINT SYSTEMS	Bloomington, MN	612-881-3100	summitpoint.com	UUNET	3.088	155	Yes	No	\$14.95	120	\$1.00	14.95	x2
TT.Net Internet Services	Minneapolis, MN	612-874-2400	tt.net	MCI	1.544	30	Yes	No	\$25.00	-	-	-	-
The River Project/MTN	Minneapolis, MN	612-331-8575	mtn.org	MCI	0.099	9999	Yes	No	\$6.00	-	-	-	-
TWISTED PAIR NETWORKING, INC.	Minneapolis, MN	612-317-0969	twistedpair.net	MCI	1.544	69	No	Yes	\$20.00	-	-	20.00	x2
US INTERNET	Minnetonka, MN	612-222-4638	usinternet.com	MCI	4.500	2000	Yes	Yes	\$19.95	-	-	29.95	x2
Vector Internet Services Inc	Minneapolis, MN	612-288-0880	visi.com	MCI/Sprint/UUNET	4.632	236	Yes	Yes	\$24.95	200	\$0.50	-	-
WAVEFRONT COMMUNICATIONS	Saint Paul, MN	612-638-9594	wavefront.com	MCI/Sprint	45.000	151	Yes	Yes	\$10.00	30	\$0.50	25.00	x2/Luck56flex
Winternet Corp	Minneapolis, MN	612-333-1303	winternet.com	MCI	0.099	9999	No	Yes	\$24.95	-	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
Corporate Communications	Fargo, ND	701-277-0011	corpcomm.net	MCI/AGIS/UUNET	4.632	123	Yes	Yes	\$17.95	50	\$1.00	-	-
Desktop Media	Albert Lea, MN	507-373-2155	deskmedia.com	MCI	3.088	162	Yes	Yes	\$19.95	-	-	-	-
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-
Local Link, Inc	Owatonna, MN	507-451-9397	ll.net	MCI/Sprint	3.088	75	No	No	\$19.95	-	\$1.00	-	-
Millennium Communications Inc	Rochester, MN	507-282-8943	millcomm.com	MCI	1.544	114	Yes	Yes	\$20.00	150	\$0.75	-	-
Prairie Lakes Internet	Mankato, MN	507-386-0444	lakes.com	MCI	0.099	9999	No	Yes	\$17.95	150	-	-	-
PressEnter	River Falls, WI	715-426-2100	pressenter.com	UUNET	4.632	300	No	No	\$16.95	-	-	-	-
Red River Net Inc	Fargo, ND	701-232-2227	rmet.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
USLink Long Distance	Pequot Lakes, MN	218-568-2231	uslink.net	MCI	1.544	200	No	No	\$20.00	120	\$1.50	-	-

613 Area Code ♦ ONTARIO

A + B Computer Systems	Ottawa, ON	613-739-5937	ab.org	Sprint	1.544	28	No	Yes	\$39.00	75	\$1.80	-	-
Achilles Internet Limited	Nepean, ON	613-723-6624	achilles.net	iSTAR	1.544	322	Yes	Yes	\$25.00	50	\$0.50	-	-
Canadian Sport & Fitness Admin	Gloucester, ON	613-748-5627	cdnsport.ca	iSTAR	0.099	9999	No	No	\$25.00	50	\$1.00	-	-
Comnet Communications	Ottawa, ON	613-233-2266	comnet.ca	iSTAR	0.099	9999	No	No	\$23.90	100	-	-	-
Computers & More	Kanata, ON	613-831-8555	compmore.net	Sprint	0.099	9999	No	No	\$9.95	20	\$0.50	-	-
CyberPlus Technologies Inc	Gloucester, ON	613-749-8598	cyberplus.ca	iSTAR	0.128	50	No	No	\$15.00	25	\$0.50	-	-
Cyberus Online Inc	Ottawa, ON	613-233-1215	cyberus.ca	iSTAR	0.099	9999	No	Yes	\$3.95	5	\$2.00	3.95	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
613 Area Code ♦ ONTARIO													
Direct Internet Access	Ottawa, ON	613-742-9638	direct-internet.net	Sprint	45.000	30	No	No	\$25.00	100	\$0.75	-	-
I-Net Direct Ltd	Russell, ON	613-445-0739	inetdirect.com	MCI	3.088	100	No	No	\$29.95	-	-	-	-
INTRANET Technologies Inc	Ottawa, ON	613-233-7455	intranet.ca	Sprint	0.099	9999	Yes	Yes	\$29.95	90	\$0.75	-	-
Information Gateway Services	Corwall, ON	613-930-9942	cnwl.igs.net	MCI	1.544	120	Yes	No	\$9.95	15	\$0.95	-	-
INTERNET KINGSTON	Kingston, ON	613-547-6939	kingston.net	iSTAR	1.544	920	No	Yes	\$25.00	60	\$0.50	25.00	RocK56flex/LucK56flex
IOSPHERE INTERNET INC.	Ottawa, ON	613-236-8601	iosphere.net	Sprint	1.544	400	No	Yes	\$14.95	30	\$0.50	14.95	RocK56flex
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
KINGSTON ONLINE SERVICES	Kingston, ON	613-549-8667	kos.net	Sprint	6.100	875	Yes	Yes	\$29.95	300	\$0.50	29.95	RocK56flex/LucK56flex
MAGMA COMMUNICATIONS LTD	Nepean, ON	613-228-3565	magmacom.com	iSTAR/UUNET	3.088	408	No	Yes	\$25.00	60	\$0.50	25.00	RocK56flex
Northcom Telecommunications	Bancroft, ON	613-332-3556	northcom.net	Sprint	0.099	9999	No	No	\$17.95	20	\$1.50	-	-
Storm internet Services	Ottawa, ON	613-567-6585	storm.ca	Sprint	1.544	207	No	Yes	\$15.00	30	\$5.00	-	-
TELOS Communications Inc	Belleville, ON	613-962-5776	telos.ca	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Trytel Internet Inc	Ottawa, ON	613-722-6321	trytel.com	MCI	1.544	80	No	Yes	\$12.00	25	\$0.50	-	-
Uniquet On-Line Services	Brockville, ON	613-345-6061	mulberry.com	iSTAR	45.000	74	No	No	\$20.00	50	\$1.00	-	-
Vegacom	Embrun, ON	613-443-3788	vegacom.on.ca	BellGlobal	45.000	23	No	No	\$24.95	-	-	-	-
World on Wire (WoWNet)	Bancroft, ON	613-332-0340	wownet.kosone.com	Sprint	0.099	9999	No	No	\$17.95	20	\$1.50	-	-
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
ARACNET	Toronto, ON	416-599-6888	aracnet.net	Sprint/MCI	4.632	319	Yes	No	\$5.95	10	\$0.95	5.95	x2
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
BVX International Inc	Hull, QC	819-770-9604	bxv.ca	MCI	45.000	15	No	No	\$5.00	10	\$0.50	-	-
BABILLARD SYNAPSE INC	Gatineau, QC	819-561-1697	synapse.net	iSTAR	1.544	48	No	Yes	\$30.00	100	\$0.50	30.00	LucK56flex
CACTUS COMMUN. INTERNET	Hull, QC	819-778-0313	cactuscom.com	Sprint	4.632	120	No	Yes	\$24.95	-	-	24.95	RocK56flex
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Focus Technologies Networks	Mississauga, ON	905-602-6266	ftn.net	MCI/iSTAR/UUNET	0.099	9999	Yes	No	\$25.00	60	\$0.50	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-
Metrix Interlink	Montreal, QC	514-875-0010	interlink.net	ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-	-	-	-
ONet Networking	Toronto, ON	416-978-4589	onet.on.ca	MCI	3.088	-	Yes	No	-	-	-	-	-
Omnimage	Gatineau, QC	819-776-4438	vli.ca	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
UUNET Canada Inc	Toronto, ON	416-368-6621	uunet.ca	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-
614 Area Code ♦ OHIO													
ASA Network Computing	Westerville, OH	614-476-9876	asacomp.com	MCI	1.544	16	No	No	\$19.95	-	-	-	-
ASCINET	Columbus, OH	614-798-5321	ascinet.com	MCI	1.544	68	No	Yes	\$25.00	-	-	45.00	x2
ALPHALINK INC	Newark, OH	614-364-0271	alink.com	MCI/CompuServe	3.088	196	Yes	No	\$19.95	-	-	19.95	x2
ANDERSON COMPUTER CONS.	Marion, OH	614-389-5149	acc-net.com	Sprint	1.544	144	No	No	\$19.95	-	-	19.95	RocK56flex
AscenTure	Millersport, OH	614-467-3338	ascenture.net	MCI/Sprint	6.176	20	Yes	No	\$19.95	-	-	-	-
BeOnLine	Columbus, OH	614-759-8800	beol.net	MCI	1.544	96	No	Yes	\$15.00	-	-	-	-
CLOVER.NET	Coshocton, OH	614-622-0028	clover.net	MCI	1.544	180	Yes	Yes	\$19.95	200	\$0.35	27.95	x2
Cornerstone Microsystems, Inc.	Mount Vernon, OH	614-397-0986	genesys.net	Sprint	1.544	72	Yes	No	\$19.95	-	-	-	-
ECR	Mount Vernon, OH	614-392-9246	ecr.net	Sprint	1.544	128	No	No	\$14.95	-	-	-	-
ENET INC	Columbus, OH	614-794-5971	ee.net	MCI/Sprint	9.264	115	Yes	Yes	\$12.50	-	-	12.50	x2
Eureka Networks, Ltd.	Athens, OH	614-593-5052	eurekanet.com	MCI	1.544	298	Yes	Yes	\$19.95	-	-	-	-
FIRST INC	Saint Clairsville, OH	614-695-2280	1st.net	MCI/Sprint/DIGEX	4.632	720	Yes	Yes	\$17.99	-	-	17.99	x2
FROGNET INC	Athens, OH	614-593-3764	frognet.net	AGIS	1.544	172	Yes	No	\$23.95	-	-	23.95	x2
Green Apple, Inc.	Lancaster, OH	614-653-9890	greenapple.com	MCI/Sprint	3.088	122	No	No	\$24.95	-	-	-	-
HockingHills.Net	Logan, OH	614-385-8930	hockinghills.net	Sprint	45.000	30	No	No	\$29.95	-	-	-	-

INFINET (INFINITE SYSTEMS)	Columbus, OH	614-241-2990	infinet.com	MCI/Sprint	4.632	1070	Yes	Yes	\$19.95	-	-	19.95	x2
IWAYNET COMMUNICATIONS INC	Columbus, OH	614-294-9292	iwaynet.net	MCI/Sprint	6.176	658	Yes	Yes	\$25.00	-	-	1.00	x2
Jade Inc.	Columbus, OH	614-225-0500	jadeinc.com	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
MANOR COMMUNICATIONS	Ironton, OH	614-533-1220	tic-http.net	MCI	1.540	480	Yes	No	\$19.95	-	-	19.95	x2
MegaLinx Communications	Dublin, OH	614-798-9104	megalinx.net	Sprint	0.099	9999	Yes	No	\$19.50	-	-	-	-
MidOhio.Net	Delaware, OH	614-363-1161	midohio.net	MCI	1.544	80	No	No	\$19.95	-	-	-	-
NetExpress Inc	Columbus, OH	614-326-6300	netexp.net	BBN	0.099	9999	No	No	\$19.95	-	-	-	-
netPathways, inc.	Columbus, OH	614-228-1353	netpathways.com	UUNET	1.672	39	Yes	Yes	\$32.00	40	\$2.00	-	-
NETSET INTERNET SERVICES	Hilliard, OH	614-527-9111	netset.com	Nap.Net	10.000	540	No	Yes	\$20.00	-	-	20.00	RockK56flex
NETWORK	Columbus, OH	614-621-9255	network.com	CompuServe	3.088	690	Yes	Yes	\$19.95	-	-	19.95	x2
NexTek Designs	Newark, OH	614-349-0201	nextek.net	Sprint	1.544	96	Yes	Yes	\$24.95	-	-	-	-
OhioLinks.com	Lancaster, OH	614-653-5789	ohiolinks.com	CompuServe	1.544	30	No	No	\$24.95	-	-	-	-
QuickNet Inc	Columbus, OH	614-486-8590	qn.net	MCI	1.544	29	No	No	\$18.00	-	-	-	-
SOTA SOFTWARE	Coshocton, OH	614-622-8000	sota-oh.com	MCI	1.544	119	Yes	Yes	\$19.95	200	\$1.20	19.95	x2
Y-CITY INTERNET	Zanesville, OH	614-455-2515	y-city.net	MCI	1.544	122	No	No	\$19.95	-	-	19.95	x2
ZOOMNET INC.	Portsmouth, OH	614-353-7708	zoomnet.net	Sprint	3.088	946	Yes	Yes	\$19.95	-	-	19.95	RockK56flex/LucK56flex
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/STAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
CityNet Corporation	Charleston, WV	304-342-5700	citynet.net	MCI	3.088	570	Yes	Yes	\$25.00	-	-	-	-
Com Net Inc	Defiance, OH	419-784-9422	bright.net	MCI	7.720	2856	Yes	Yes	\$9.95	5	\$2.25	-	-
COMMKEY NETWORK, LTD.	Dayton, OH	937-496-2456	commkey.net	UUNET	1.544	128	No	Yes	\$18.95	-	-	22.95	RockK56flex
EriNet Online Communications	Dayton, OH	937-291-1995	erinet.com	MCI/DIGEX	45.000	1358	Yes	Yes	\$29.99	-	-	-	-
eve Inc	Huntington, WV	304-697-6770	eve.net	BBN	0.099	9999	No	No	\$19.95	-	-	-	-
HGO.NET	Wheeling, WV	304-243-6500	hgo.net	MCI	1.544	276	Yes	Yes	\$25.00	-	-	25.00	RockK56flex
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
Ichthus Access Networking Inc	Kenova, WV	304-453-5757	ianet.net	Sprint	0.256	28	No	No	\$9.95	15	\$1.50	-	-
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Moore Technologies	Toledo, OH	419-389-8277	mooretech.net	AGIS	3.088	630	Yes	No	\$19.95	-	-	-	-
RAM Technologies	Huntington, WV	304-523-1726	ramlink.net	Sprint	1.544	116	No	No	\$19.95	-	-	-	-
TUSCO.NET	Dennison, OH	330-364-8917	tusco.net	MCI	1.544	496	Yes	Yes	\$19.20	-	-	19.20	x2
WeirNet	Weirton, WV	304-794-0000	weir.net	Sprint	1.544	100	No	No	\$20.00	-	-	-	-
WEST SIDE TELEPHONE CO	Morgantown, WV	304-983-8600	westco.net	Sprint/Sprint	3.088	228	Yes	Yes	\$15.95	-	-	19.95	x2

615 Area Code ♦ TENNESSEE

Clarksville InterNet Services	Clarksville, TN	615-572-9108	clarksville.com	BBN	1.544	60	No	No	\$20.00	-	-	-	-
Compu-Net Enterprises	Clarksville, TN	615-553-0677	compu.net	BBN	3.152	3	Yes	Yes	\$20.00	100	\$50.00	-	-
EdgeNet Media	Brentwood, TN	615-371-0887	edge.net	Sprint/BBN	3.088	400	Yes	Yes	\$9.95	10	\$2.00	-	-
HOT COM	Murfreesboro, TN	615-895-7737	hotcc.com	BBN	1.544	40	No	No	\$15.00	-	-	-	-
ISDN-NET	Brentwood, TN	615-371-1625	isdn.net	BBN	3.088	135	Yes	Yes	\$24.95	100	\$1.00	39.95	x2
Images ON the net	Cookeville, TN	615-526-2018	midtenn.net	Sprint	1.544	115	Yes	Yes	\$19.95	-	-	-	-
KNIGHTWAVE TECHNOLOGIES	Clarksville, TN	615-645-4465	knightwave.com	CRL	1.544	232	No	No	\$19.95	-	-	19.95	x2
Mid-South ConNEcTions	Clarksville, TN	615-648-9024	midsouth.net	BBN	1.544	16	No	No	\$19.95	-	-	-	-
NCSN INC	Nashville, TN	615-383-5856	ncsn.net	MCI	1.544	114	No	Yes	\$14.95	-	-	19.95	x2/RockK56flex
NETAWARE	Nashville, TN	615-781-4865	netaware.net	MCI	1.544	161	Yes	Yes	\$19.95	-	-	26.95	RockK56flex/LucK56flex
Pixelation Data Services	Clarksville, TN	615-920-2496	pixelation.com	Sprint	1.544	45	Yes	No	\$15.00	-	-	-	-
TELALINK	Nashville, TN	615-321-9100	telalink.net	Sprint/MCI	4.632	1380	Yes	Yes	\$35.00	120	\$1.00	35.00	RockK56flex/LucK56flex
Tennessee Professional Web Services	Clarksville, TN	615-358-0091	tnproweb.com	BBN	1.544	20	Yes	No	\$20.00	24	-	-	-
The MultiPro Network	Cookeville, TN	615-528-7777	multiapro.com	BBN	4.632	265	Yes	No	\$19.95	-	-	-	-
The Nashville Exchange	Nashville, TN	615-269-5221	nashville.com	BBN	1.544	161	No	Yes	\$15.00	-	-	-	-
Valley Internet, Inc.	Fayetteville, TN	615-433-1921	vallnet.com	MCI	0.099	9999	Yes	Yes	\$35.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
615 Area Code ♦ TENNESSEE										
ATS Telephone & Data Sys Inc	Memphis, TN	901-797-3000	atstel.com	Sprint	0.099	9999	Yes	Yes	\$20.00	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-
DATAWORLD'S NET EXPRESS	Knoxville, TN	423-691-2011	nxs.net	BBN	1.544	69	Yes	Yes	\$14.95	80 \$0.39 14.95
GROUND ZERO COMMUNICA.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	17.95
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80 \$1.00
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	30.00
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15 \$2.25
Interactive Satellite Internet Srvs	Rigby, ID	208-745-8552	axcess.net	MCI	1.544	128	No	No	\$20.00	-
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-
Net Results	Huntsville, AL	205-539-4583	garply.com	CRL	0.099	9999	No	No	\$19.95	-
NETSTAR COMMUNICATIONS	Knoxville, TN	423-670-4020	netstarcomm.net	MCI	1.544	78	No	Yes	\$19.95	19.95
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25 \$1.00 35.00
Traders' Connection	Indianapolis, IN	317-322-2000	trader.com	Sprint	1.544	250	No	No	\$11.95	-
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-

616 Area Code ♦ MICHIGAN										
Alliance Network Inc	Grand Rapids, MI	616-774-3010	alliance.net	MCI	0.099	9999	Yes	Yes	\$19.95	-
BENZIE COMMUNICATIONS, INC.	Frankfort, MI	616-882-2000	benzie.com	MCI	3.088	12	No	No	\$20.00	60.00
Campbell Network Systems Inc	Grand Rapids, MI	616-774-3131	cns.net	MCI	4.632	20200	Yes	Yes	\$19.95	-
COMPUTER PARTS UNLIMITED	Benton Harbor, MI	616-925-6300	cpuinc.net	MCI	1.544	68	No	Yes	\$19.95	150.00
Crossover Technologies	Holland, MI	616-738-1000	crossover.net	MCI	1.544	16	No	No	\$30.00	-
Cyberspace BBS	Grand Rapids, MI	616-454-2215	gmet.com	MCI	1.544	20	No	No	\$13.00	-
Datawise Inc	Allegan, MI	616-673-5748	datawise.net	MCI	1.544	24	No	No	\$20.00	-
EifenVile LLC	Portage, MI	616-324-1851	evnet.com	MCI	1.544	28	No	No	\$20.00	-
Evans BBS	Greenville, MI	616-754-7872	evansbbs.com	MCI	1.544	12	No	No	\$9.95	50 \$15.95
F & H SoftHouse	Holland, MI	616-395-9556	softhouse.com	MCI	0.099	9999	No	Yes	\$25.00	-
Freeway Inc	Petoskey, MI	616-347-3175	freeway.net	MCI	3.088	250	Yes	Yes	\$15.00	-
Grand Rapids Global Internet Group	Grand Rapids, MI	616-454-1994	grgig.net	MCI	0.099	9999	No	No	\$15.99	-
Grand Traverse Internet, Inc.	Traverse City, MI	616-929-1553	gtii.com	MCI	1.544	51	Yes	Yes	\$19.95	-
Hayburn Communication Services Ltd	Holland, MI	616-786-0088	hayburn.com	MCI	0.099	9999	No	Yes	\$30.00	-
internet1	Marshall, MI	616-781-6381	internet1.net	MCI	0.099	9999	Yes	No	\$19.95	-
Internet 2000 Inc	Wyoming, MI	616-532-8425	i2k.com	MCI	0.099	9999	Yes	Yes	\$10.00	40 \$1.00
INTERNET WALKABOUT	New Era, MI	616-861-0065	oceana.net	MCI	0.384	48	No	No	\$20.00	19.95
Ionia Internet Services	Ionia, MI	616-527-4747	ionia-mi.net	AGIS	0.512	30	No	No	\$22.00	-
Iserv Inc	Grand Rapids, MI	616-281-5254	iserv.net	MCI/UUNET/Sprint	6.176	1072	Yes	Yes	\$9.95	40 \$1.95
KV Internet Access Inc	Grand Rapids, MI	616-243-8562	kvi.net	MCI	0.099	9999	Yes	Yes	\$19.95	-
LakeShore Connect, LLC	Spring Lake, MI	616-847-8419	lakeshoreconn.com	MCI	1.544	8	No	No	\$10.00	20 \$1.00
Lemuria, Inc.	Traverse City, MI	616-935-0054	lemuria.com	MCI	1.544	33	No	No	\$12.50	-
Macatawa Multi-Line	Holland, MI	616-355-2391	macatawa.com	MCI	1.544	110	Yes	No	\$19.95	-
MICHWEB INC	Cadillac, MI	616-775-8416	michweb.net	BBN	1.544	121	Yes	Yes	\$19.95	19.95
NCATS	Fremont, MI	616-924-8872	ncats.net	MCI	1.544	130	No	No	\$20.00	400 \$1.00 20.00
NOVAGATE COMMUNICATIONS	Grand Haven, MI	616-847-0910	novagate.net	MCI	3.088	432	Yes	Yes	\$9.95	20 \$1.00 9.95
NetOne Communications, Inc.	Sears, MI	616-734-2917	netonecom.net	AGIS	4.632	249	No	No	\$17.95	-
NETLINK SYSTEMS, LLC	Kalamazoo, MI	616-345-5465	net-link.net	MCI	4.632	406	No	Yes	\$19.95	19.95
Parrett Business Machines	Saint Joseph, MI	616-429-0505	parrett.net	MCI	1.544	75	No	No	\$20.00	240 \$2.00
PathWay Computing	Greenville, MI	616-225-8530	pathwaynet.com	MCI	1.544	48	Yes	No	\$19.95	-
Pointing The Way	Traverse City, MI	616-929-7059	ptway.com	MCI	1.544	28	Yes	Yes	\$15.00	-

Quantum Connections Inc	Benton Harbor, MI	616-926-4242	qtm.net	Sprint	1.544	260	Yes	Yes	\$14.95	400	\$0.95	-	-	-
Riverside Internet Services	Newaygo, MI	616-652-2562	riverview.net	AGIS/MCI	3.088	28	No	No	\$19.95	-	-	-	-	-
Traverse Communication Co	Traverse City, MI	616-935-1705	traverse.com	BBN	3.088	60	Yes	No	\$20.00	-	-	-	-	-
TUCKER COMMUNICATIONS, INC.	Big Rapids, MI	616-796-2548	tucker-usa.com	AGIS	1.544	144	No	Yes	\$17.95	24	-	-	19.95	x2
West Michigan Internet Services	Grand Rapids, MI	616-482-9647	wmis.net	AGIS/GoodNet	3.088	47	Yes	No	\$19.95	-	-	-	-	-
West Michigan Online	Holland, MI	616-392-3698	wmol.com	UUNET	1.544	38	No	No	\$17.50	-	-	-	-	-
World Industryone.net	Rockford, MI	616-874-7340	industryone.net	MCI	1.544	36	Yes	Yes	\$14.95	-	-	-	-	-
123 NET	Chesterfield, MI	810-716-1700	123.net	MCI	10.000	188	Yes	Yes	\$19.95	-	-	-	19.95	x2
ACD INTERNET SERVICES	East Lansing, MI	517-333-0900	acd.net	UUNET/MCI	6.176	960	Yes	Yes	\$18.95	-	-	-	18.95	x2
CDNET, inc	West Bloomfield, MI	810-851-4370	cdnet.net	AGIS	6.176	50	No	No	\$19.95	-	-	-	-	-
Coast To Coast Telcomm Inc	Clarkston, MI	810-623-6700	coast.net	AGIS	3.088	60	Yes	Yes	\$8.95	10	\$2.00	-	-	-
Crown.Net Inc	Portage, IN	219-762-1431	crown.net	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-	-
CyberLink, Incorporated	South Bend, IN	219-235-1400	cyberlink-inc.com	UUNET	1.544	80	Yes	No	\$15.00	-	-	-	-	-
Fourway Computer Products, Inc.	South Bend, IN	219-277-7720	fourway.net	MCI	0.099	9999	No	No	\$30.00	-	-	-	-	-
GREAT LAKES INTERNET	Westland, MI	313-326-7199	gr-lakes.com	Sprint	1.544	25	No	No	\$24.95	-	-	-	24.95	x2
I-STAR ONLINE	Oscoda, MI	517-739-7954	i-star.com	BBN	1.544	76	No	No	\$18.95	-	-	-	34.95	Rock56flex
ICNet	Ann Arbor, MI	313-998-0090	ic.net	MCI	0.099	9999	Yes	Yes	\$29.95	60	\$2.00	-	-	-
Internet Michigan Inc	Saint Johns, MI	517-224-9561	im4u.net	Sprint	0.099	9999	Yes	No	\$29.75	-	-	-	-	-
Isthmus Corp	Ann Arbor, MI	313-973-2100	izzy.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-
Maple Valley Computer Center	Nashville, MI	517-852-1784	mvcc.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-	-
Merit Network Inc	Ann Arbor, MI	313-764-9430	merit.edu	MCI	45.000	4200	Yes	No	\$10.00	-	-	-	-	-
MICH.COM, INC.	Farmington Hills, MI	810-442-1000	mich.com	MCI	0.768	943	Yes	Yes	\$19.95	80	\$0.60	19.95	Rock56flex/LucK56flex	
Michigan BizServe	Ann Arbor, MI	313-761-8742	bizserve.com	MCI	10.000	330	No	No	\$19.95	40	\$1.00	-	-	-
Msen Inc	Troy, MI	810-740-3400	msen.com	AGIS/UUNET	4.632	520	Yes	Yes	\$17.50	-	-	-	-	-
Netrex Inc	Southfield, MI	810-352-9643	netrex.net	AGIS/UUNET	45.000	-	Yes	No	-	-	-	-	-	-
Netrus	Miami, FL	305-717-3221	netrus.net	UUNET/Sprint	3.088	171	Yes	Yes	\$25.00	-	-	-	-	-
RING!Online	White Lake, MI	810-698-4659	ring.com	DataXchange	45.000	100	Yes	No	\$16.95	150	\$0.50	-	-	-
RustNet, Inc.	Livonia, MI	313-762-6000	rust.net	UUNET/AGIS	0.099	9999	Yes	Yes	\$14.95	130	\$0.50	-	-	-
ShiaNet Community Information	Owosso, MI	517-723-5149	shianet.org	MCI	0.099	9999	No	No	\$9.95	30	-	-	-	-
SKYNET INC	South Bend, IN	219-239-7000	skynet.net	MAE West	45.000	375	Yes	Yes	\$19.95	-	-	-	40.00	x2
Sojourn Systems Ltd	Lansing, MI	517-393-2738	sojourn.com	MC/MCI	3.088	175	Yes	No	\$19.95	-	-	-	-	-
THE CONNECTING PLACE BBS/ISP	South Bend, IN	219-283-0450	tcpbbs.net	MAE West	1.544	19	Yes	Yes	\$19.95	-	-	-	24.95	x2
The Library Network	Wayne, MI	313-326-8910	tin.lib.mi.us	MCI	1.544	4092	No	No	\$10.00	-	-	-	-	-
TheLocalNet LLC	Goshen, IN	219-534-8000	tin.net	CRL	45.000	32	Yes	No	\$10.95	10	\$2.00	-	-	-
Voyager Information Networks	East Lansing, MI	517-324-8940	voyager.net	MC/MCI	3.088	1200	Yes	Yes	\$19.95	-	-	-	-	-

617 Area Code ♦ MASSACHUSETTS

Advanced Communications Sys Inc	Woburn, MA	617-935-3544	star.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-
BBIS Communications Inc	Marblehead, MA	617-639-9590	boston.sisna.com	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-	-
Bitwise Internet Technologies Inc	Boston, MA	617-261-4700	bitwise.net	Sprint/MCI/UUNET	0.099	9999	Yes	Yes	\$14.95	20	\$1.00	-	-	-
Channel 1	Cambridge, MA	617-864-0100	channel1.com	Sprint/CWIX	4.632	196	Yes	Yes	\$10.00	25	\$1.00	-	-	-
Cloud 9 OnLine	Norwood, MA	617-769-3875	c9.com	UUNET	1.544	32	No	No	\$19.95	-	-	-	-	-
Complete Internet Access Inc	Cambridge, MA	617-225-4100	thecia.net	MCI/CWIX	20.000	7000	Yes	Yes	\$18.95	-	-	-	-	-
Cyber Access	Medford, MA	617-396-0491	cybercom.net	MCI	0.099	9999	No	No	\$24.95	-	-	-	-	-
Datablast	Waltham, MA	617-487-0004	datablast.net	UUNET/Sprint	45.000	100	No	No	\$14.95	-	-	-	-	-
Dream Communications	Cohasset, MA	617-383-9200	dreamcom.com	MAE East	45.000	156	Yes	Yes	\$18.95	-	-	-	-	-
Galaxy Internet Services	Needham, MA	617-433-5500	gis.net	AGIS	7.720	650	No	No	\$9.95	-	-	-	-	-
HARVARDNET	Boston, MA	617-531-2001	harvard.net	UUNET	45.000	72	Yes	No	-	-	-	-	35.00	x2
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-	-
Prime Connections, Inc.	Wakefield, MA	617-224-4321	prime-x.net	MCI	1.544	48	No	No	\$19.95	-	-	-	-	-
Proteus Development, Inc.	Cambridge, MA	617-252-9650	proteusnet.com	MCI	1.544	192	No	Yes	\$19.99	100	-	-	-	-
Saturn Internet Corp	Johnston, RI	617-451-9121	saturn.net	AGIS	0.099	9999	No	No	\$19.95	50	-	-	-	-
Software Tool & Die	Brookline, MA	617-739-0202	std.com	UUNET	0.099	9999	No	No	\$25.00	50	\$0.50	-	-	-
South Shore Info Highway	Marshfield, MA	617-837-7744	ssih.com	MCI	0.056	5	No	No	\$10.00	50	\$1.00	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
617 Area Code ♦ MASSACHUSETTS													
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-
The Internet Hardlink Co	Randolph, MA	617-961-4982	hardlink.com	Sprint	1.544	35	No	No	\$15.00	-	-	-	-
The Xensei Corp	Quincy, MA	617-376-6342	xensei.com	MCI/UUNET	3.088	50	Yes	No	\$25.00	-	-	-	-
WebSecure Inc	Saugus, MA	617-867-2300	websecure.net	MAE East/MAE West	45.000	-	Yes	No	-	-	-	-	-
Wing Net	Wobum, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-
WorldNET	Norwood, MA	617-551-9977	wn.net	CWIX/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Argo Communications	Mansfield, MA	508-538-3167	argo.net	AGIS	1.544	50	No	No	\$22.00	-	-	-	-
BX.COM, Inc.	Providence, RI	401-861-0081	bx.net	MCI	1.544	-	Yes	No	-	-	-	-	-
CAPEInternet	Osterville, MA	508-420-4700	capecod.net	UUNET	3.088	775	Yes	Yes	\$18.95	-	-	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/STAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
Cove Communications	Salem, MA	508-741-5300	cove.com	UUNET	1.544	87	Yes	Yes	\$20.00	30	\$25.00	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
GREENNET	West Newbury, MA	508-363-8898	greennet.net	UUNET	1.544	442	Yes	Yes	\$19.95	100	\$0.50	45.00	x2
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	-
Internet Exchange Ltd	Natick, MA	508-647-4726	ixl.net	UUNET	0.099	9999	No	Yes	\$23.95	100	-	-	-
INTERNET SERVICES OF N.E.	Merrimack, NH	603-424-5278	isone.com	Sprint	1.544	72	Yes	Yes	\$18.00	70	\$0.25	34.00	Rock56flex
Log On America	Providence, RI	401-453-6100	loa.com	MCI	0.099	9999	No	Yes	\$19.99	125	\$1.00	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
MEGANET COMMUNICATIONS	Fall River, MA	508-646-0030	meganet.net	MCI	1.544	96	Yes	No	\$25.00	200	\$2.50	25.00	Rock56flex
Mnemetics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504	-	-	-
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
NetSite Systems Inc.	East Syracuse, NY	315-446-5555	netsitesys.com	UUNET	3.088	20	Yes	Yes	\$20.00	-	-	-	-
NetWay By MDC, Inc.	North Andover, MA	508-557-0097	netway.com	UUNET/DIGEX	3.088	274	Yes	No	\$19.95	-	-	-	-
NetWorx Internet Services Inc	Newburyport, MA	508-462-4000	worx.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Network Data Link Inc	Framingham, MA	508-877-7663	ndl.net	UUNET/MCI	3.088	76	Yes	Yes	\$15.00	60	\$1.00	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
Orbit Systems	Worcester, MA	508-753-8776	os.com	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
PICTAC	North Dartmouth, MA	508-999-1565	pictac.com	UUNET	0.384	50	No	No	\$19.95	-	-	-	-
RCN Inc	Princeton, NJ	717-674-4181	starpas.net	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	-
The Destek Group Inc	Nashua, NH	603-594-9630	destek.net	UUNET	0.099	-	Yes	No	-	-	-	-	-
The FOURnet Information Network	West Wareham, MA	508-295-4139	four.net	MCI	45.000	256	No	No	\$20.00	360	-	-	-
The Internet Connection Inc	Mansfield, MA	508-261-0383	ici.net	Sprint/MCI	0.099	9999	Yes	No	\$19.95	100	\$0.50	-	-
USAInternet Inc	Danvers, MA	508-777-2600	usa1.com	MCI/Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Ultramet Communications Inc	Marlborough, MA	508-229-8400	ultranet.com	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-
Voyager Information Networks	East Lansing, MI	517-324-8940	voyager.net	MCI/MCI	3.088	1200	Yes	Yes	\$19.95	-	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

618 Area Code ♦ ILLINOIS

Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
Allied Access Inc	Murphysboro, IL	618-684-2255	intnet.net	MCI/Sprint	3.088	140	Yes	No	\$30.00	-	-	-	-
Applied Personal Computing, Inc.	Fairview Heights, IL	618-632-7282	apci.net	MCI	1.544	584	Yes	Yes	\$15.00	-	-	-	-
Connectors Unlimited Inc.	Granite City, IL	618-452-6320	cdci.com	MCI	3.088	34	Yes	Yes	\$17.50	-	-	-	-
CybaLink Internet Services	Du Quoin, IL	618-542-6317	cybalink.com	Sprint	0.099	9999	No	No	\$19.95	35	\$1.25	-	-

ezl dot com Inc	Edwardsville, IL	618-659-3206	ezl.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Florists' Insurance Service Inc	Edwardsville, IL	618-656-4240	plantnet.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
GLOBALEYES COMMUNICATIONS	Murphysboro, IL	618-684-6457	globaleyes.net	CRL	1.544	48	No	No	\$25.00	-	-	25.00	x2
IntelliWorld	Edwardsville, IL	618-656-4700	edwpub.com	MCI	1.544	60	No	No	\$18.95	-	-	-	-
Metro St. Louis Communications	Granite City, IL	618-251-6358	spiff.net	Sprint/Sprint	1.800	50	Yes	Yes	\$15.00	-	-	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-
RaDaR Computer Solutions	Columbia, IL	618-281-8686	rdr.net		0.256	10	No	No	\$19.00	-	-	-	-
Shawnee Free-Net, Inc.	Carbondale, IL	618-529-0060	shawnee.org	MCI	0.099	9999	Yes	No	\$5.00	45	\$1.00	-	-
The Omega Line BBS	Olney, IL	618-392-2137	omegabbs.com	DataXchange	0.056	28	No	No	\$20.00	-	-	-	-
WorldWide Communications Network	Bunker Hill, IL	618-585-3693	wwc.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
ANET St. Louis	Florissant, MO	314-653-2638	anet-usa.com	Sprint/UUNET/MCI	45.000	196	Yes	Yes	\$19.95	-	-	-	-
CyberJunction.Net Inc	Saint Louis, MO	314-776-3009	cyberjunction.net	Sprint	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Cybergate LLC	Florissant, MO	314-214-1013	cybergate.org	Sprint	0.099	9999	No	Yes	\$20.00	-	-	-	-
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
FGI.net Inc	Springfield, IL	217-544-2775	fgi.net	MCI	4.632	350	Yes	Yes	\$20.00	-	-	-	-
FASTRANS LOGISTICS, INC.	Saint Louis, MO	314-429-9220	fastrans.net	UUNET	6.176	256	Yes	Yes	\$15.95	-	-	19.95	Rock56flex
IlliniNetworks	Springfield, IL	217-698-6063	inw.net	MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-
InLink	Creve Coeur, MO	314-432-0935	inlink.com	MCI/Sprint	3.088	715	Yes	Yes	\$19.00	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex
LDD Inc.	Cape Girardeau, MO	573-651-3373	ldd.net	MCI	3.088	682	No	No	\$19.95	-	-	-	-
MVP-Net Inc	Saint Louis, MO	314-434-4687	mvp.net	MCI	4.632	484	Yes	Yes	\$19.95	-	-	-	-
Primary Network	Saint Louis, MO	314-995-5755	primary.net	Sprint	45.000	736	Yes	Yes	\$19.95	-	-	-	-
Pulitzer Technologies	Saint Louis, MO	314-535-5555	stlnet.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
St. Louis Internet Connections	Saint Louis, MO	314-241-4266	icon-stl.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
St. Louis Internet, Inc.	Saint Louis, MO	314-458-2866	st-louis.net	MCI	1.672	150	No	Yes	\$19.95	-	-	-	-
US INTERNET	Columbia, MO	573-446-8442	usi.com	MCI	1.544	120	No	Yes	\$15.95	-	-	15.95	Rock56flex

619 Area Code ♦ CALIFORNIA

A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
AXNET Communications Inc	San Diego, CA	619-528-2700	axnet.net	CRL	1.544	60	No	No	\$23.00	-	-	-	-
Access Developers, LLC	Poway, CA	619-486-8300	access1.net	AGIS	1.544	264	Yes	Yes	\$9.95	-	-	-	-
American Digital Network Inc	San Diego, CA	619-576-4272	adnc.com	MCI	0.099	9999	No	Yes	\$22.00	60	\$5.00	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-
CNS INTERNET INC.	Carlsbad, CA	619-730-7301	cnsii.com	ATMnet	45.000	624	Yes	Yes	\$14.95	-	-	25.00	Rock56flex
CONNECTnet Internet Network Svcs	San Diego, CA	619-450-0254	connectnet.com	UUNET/MCI/UUNET	4.500	708	Yes	Yes	\$22.00	200	\$0.45	-	-
CPAutomation Inc	San Diego, CA	619-686-2742	sdic.net	UUNET	0.099	9999	Yes	No	\$17.95	-	-	-	-
CTS Network Services	San Diego, CA	619-637-3600	cts.com	CRL/ATMnet	45.000	1150	Yes	Yes	\$18.99	-	-	-	-
Chameleon Tree Inc	Spring Valley, CA	619-267-4332	chtree.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
COLLINS COMPUTER INNOVAT.	Twentynine Palms, CA	619-367-7932	cci-29palms.com	AGIS	0.099	9999	No	No	\$29.95	150	\$1.50	29.95	x2
Communication Corp	San Diego, CA	619-521-5990	io-online.com	UUNET/CRL	0.099	9999	No	No	\$12.95	-	-	-	-
Computer Variations	San Diego, CA	619-294-7310	compuvar.com	CRL	1.544	58	No	Yes	-	-	-	-	-
CyberVille	Palm Desert, CA	619-776-1205	cybrville.com	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-
Dave's Dog House	Barstow, CA	619-252-7575	dvsdghse.com	DataXchange	45.000	25	No	No	\$20.00	100	\$0.25	-	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
ElectriCiti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-
FastWave Internet Services	San Diego, CA	619-487-1414	fastwave.net	PSINet	3.088	96	No	Yes	\$19.92	160	\$0.75	-	-
Incom	San Diego, CA	619-681-0003	incom.net	AGIS	0.099	9999	No	No	\$7.50	15	\$1.00	-	-
Infonex Internet Services	La Mesa, CA	619-667-7969	infonex.com	AGIS	1.544	16	No	Yes	\$18.50	60	\$2.50	-	-
INTERNATIONAL NETWORK	San Diego, CA	619-521-3705	in-net.com	AGIS	1.544	138	No	No	\$19.95	-	-	19.95	x2
Internet & Web Services Corporation	San Diego, CA	619-794-8000	iwsc.com	AGIS	45.000	1728	Yes	Yes	\$14.95	-	-	-	-
LightLink Internet Access	El Centro, CA	619-337-2641	satcom.net	Netcom	0.099	9999	No	No	\$20.00	-	-	-	-
Link sandiego.com Inc	San Diego, CA	619-220-8601	sandiego.com	Sprint/CWIX	3.088	176	No	Yes	\$19.95	100	\$7.00	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
619 Area Code ♦ CALIFORNIA											
MAXIMUM ACCESS	San Diego, CA	619-278-5788	maximumaccess.com	AGIS	1.544	60	Yes	Yes	\$20.00 180 \$5.00 34.95	x2	
MillenniaNet Communications, LLC	San Diego, CA	619-623-1600	millennianet.com	UUNET/MCI/GridNet	4.632	118	Yes	Yes	\$4.95 10 \$1.00	-	
N2 Networking	San Diego, CA	619-694-8540	n2.net	CRL	3.088	57	Yes	Yes	\$18.00 200 \$20.00	-	
SANDnet Network Services	Encinitas, CA	619-634-4933	sand.net	Sprint	10.000	248	No	No	\$12.95 40 \$7.95	-	
SIMPLY INTERNET	San Diego, CA	619-565-7873	ineworld.net	CRL	1.544	286	No	Yes	\$15.76	-	
Sim Diego Internet Services	San Diego, CA	619-483-6621	simdiego.com	Sprint	0.099	9999	No	No	\$20.00	-	
Software Design Associates Inc	Poway, CA	619-679-5900	wanet.net	UUNET	0.099	9999	No	No	\$18.95 90	-	
SuperSales Internet	San Diego, CA	619-645-8889	ss-inet.com	MCI	0.099	9999	No	No	\$30.00 300	-	
TFBnet	Fallbrook, CA	619-728-7920	tfb.com	CRL/ATMnet	3.088	100	No	No	\$20.00	-	
Terracom, Inc.	San Diego, CA	619-268-8911	tns.net	CRL	3.088	48	No	Yes	\$16.99	-	
The Cyberspace Station	Encinitas, CA	619-634-2894	cyber.net	UUNET	45.000	29	Yes	Yes	\$9.95 10 \$1.50	-	
The DigitalCave Networks	Brawley, CA	619-344-4953	digitalcave.com	UUNET	0.099	9999	No	Yes	\$16.95	-	
The Network Link Inc	San Diego, CA	619-560-8137	tnl-online.com	MCI	3.088	20	No	No	\$15.00 90 \$0.25	-	
The Windows Network	Santee, CA	619-258-9940	mswin.net	ATMnet	1.544	12	Yes	Yes	\$14.95	-	
WEB COMMUN. CONCEPTS	Escondido, CA	619-480-9992	webcc.net	AGIS	45.000	345	Yes	Yes	\$16.50	16.50	RockK56flex
WebNetworks International	San Diego, CA	619-646-7070	webnetworks.net	ATMnet	45.000	23	Yes	Yes	-	-	-
XLINK NETWORKS	San Diego, CA	619-530-1122	xlunknet.com	AGIS/CRL	45.000	58	Yes	Yes	\$9.95 20 \$1.95 19.95	x2	
zNET Internet Services, Inc.	Solana Beach, CA	619-755-7772	znet.com	UUNET/CRL	0.099	9999	Yes	No	\$17.50 10000	-	
2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95 550 \$2.00	-	
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	
Ashton Communications Corp	Chula Vista, CA	210-668-6000	acnet.net	MCI	0.099	9999	Yes	Yes	\$20.00 100 \$1.00	-	
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	
CWNet	Sacramento, CA	916-758-0119	cwnet.com	Sprint	3.088	150	Yes	Yes	\$13.84	-	
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	12.95	x2
ClubNET, Inc.	Diamond Bar, CA	909-612-5888	clubnet.net	MCI/AGIS	12.088	200	Yes	Yes	\$18.40	-	
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00 150 \$1.50	-	
Delta Internet Services	Anaheim, CA	714-490-2000	delta.net	UUNET	45.000	1800	Yes	Yes	\$19.95	-	
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00 150 \$0.50	-	
GENESIS NETWORK	Riverside, CA	909-361-0949	genesishnetwork.net	AGIS/UUNET	45.000	252	Yes	Yes	\$15.95	25.95	RockK56flex
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	19.95	x2/RockK56flex
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-
InteleNet Communications Inc	Irvine, CA	714-851-8250	intelenet.net	Sprint/MCI/BBN	45.000	250	Yes	Yes	\$29.99 100 \$1.00	-	
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	-	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	24.95	x2/RockK56flex/LucK56flex
INTERNET TELEPRESENCE INC	Glendale, CA	818-638-0537	itgateway.com	UUNET	10.000	60	Yes	Yes	\$19.95	19.95	x2
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	109.00	x2/RockK56flex
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00 20 \$1.00	-	
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-	-
NETouch Communications, Inc.	Irvine, CA	714-789-9170	netouch.net	AGIS	45.000	230	Yes	Yes	-	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00 5 \$2.00	-	
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	
Quantum Networking Solutions Inc	Palmdale, CA	805-538-2028	qnet.com	BBN	0.099	9999	No	Yes	\$21.95 200 \$0.50	-	
Rippers BBS	Mohave Valley, AZ	520-768-1161	rippers.com	MCI	45.000	70	No	No	\$20.00	-	
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	29.95	x2
Sierra-Net Inc	Incline Village, NV	702-832-6911	sierra.net	Sprint	0.099	9999	No	Yes	\$18.95	-	

SoftAware	Marina del Rey, CA	310-305-0275	software.com	GoodNet	45.000	-	Yes	No	-	-	-	-	-
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	tcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
The Mac Pros	El Segundo, CA	310-726-0555	macpros.com	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.50	-	-
TIOcom	Laguna Niguel, CA	714-348-2957	tio.com	MCI	1.544	240	Yes	Yes	\$20.00	-	-	-	-

630 Area Code ♦ ILLINOIS

ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	Rock56flex
Allways, Inc.	Westmont, IL	630-971-9866	dpliv.com	MCI	0.099	9999	No	Yes	\$15.95	-	-	-	-
Aquila Internet Services	Aurora, IL	630-820-0480	aquila.net	Sprint	1.544	54	Yes	Yes	\$19.95	20	\$2.00	-	-
AXON DATA SYSTEMS	Downers Grove, IL	630-595-5096	axnet.com	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	14.00	x2
CYCOM COMMUNICATIONS CORP	Naperville, IL	630-961-1234	cycom.net	CIX/UUNET	4.632	200	Yes	No	\$19.95	-	-	19.95	x2
DATAFLO INC	Wood Dale, IL	630-860-4578	dataflo.net	MCI	3.088	210	No	Yes	\$20.00	-	-	20.00	x2
Electro Link Network Inc	Elburn, IL	630-365-0807	elnet.com	AGIS	1.544	87	Yes	Yes	\$19.95	-	-	-	-
Hamilton & Bond	Glen Ellyn, IL	630-469-0071	marketus.net	MCI	45.000	8	No	No	\$21.95	-	-	-	-
Internet Illinois	Geneva, IL	630-513-1033	inil.com	MCI	3.088	1092	Yes	Yes	\$20.00	-	-	-	-
InternetSite Technologies, Inc.	Naperville, IL	630-548-6116	internetsite.com	MCI	1.544	8	No	Yes	-	-	-	-	-
Kwom Communications Inc	Glen Ellyn, IL	630-253-3568	kwom.com	AGIS	0.099	9999	No	Yes	\$25.00	-	-	-	-
MCCARTY TECHNOLOGIES, INC	Saint Charles, IL	630-443-0061	microthought.com	BBN	1.544	1015	Yes	Yes	\$15.00	-	-	15.00	x2
NETSOURCE COMMUNICATIONS	Naperville, IL	630-778-1212	ntsource.com	MCI	1.544	94	Yes	Yes	\$19.95	-	-	19.95	x2
Pinnacle Communications Inc	Addison, IL	630-932-8751	pincom.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
Scherf Associates Inc	Naperville, IL	630-369-6907	assoc.com	MCI	1.544	1	Yes	No	\$33.00	-	-	-	-
SkogNet Internet	Aurora, IL	630-264-1214	skognet.com	UUNET	1.544	20	No	No	\$20.00	-	-	-	-
SmartGate Corp	Elmhurst, IL	630-941-1299	smartgate.com	AGIS	0.056	20	No	No	\$15.00	60	-	-	-
Sun Valley Software Ltd	Lisle, IL	630-983-0889	svs.com	UUNET	1.544	106	Yes	Yes	\$25.00	155	\$1.00	-	-
Super-highway Inc	Roselle, IL	630-307-7600	super-highway.net	MCI	1.544	100	No	Yes	\$19.95	-	-	-	-
Synergistic Networks Inc	Elmhurst, IL	630-993-0460	syn.net	Sprint	1.544	48	Yes	Yes	\$20.00	-	-	-	-
Synet Inc	Downers Grove, IL	630-271-1500	synet.net	MCI	1.544	50	Yes	No	\$19.95	-	-	-	-
UNETY Systems Inc	Naperville, IL	630-305-0600	unety.com	MCI	1.544	-	Yes	No	-	-	-	-	-
XNet Information Systems	Lisle, IL	630-983-6064	xnet.com	Sprint/MCI/Nap.Net	45.000	400	Yes	Yes	\$20.00	186	-	-	-
AMERICAN COMM & ENT NTWK.	Chicago, IL	312-808-9600	acen.net	BBN	45.000	507	Yes	Yes	\$5.95	-	-	5.95	x2
American Information Systems Inc	Chicago, IL	312-255-8500	ais.net	MCI/Sprint/UUNET/CWIX	0.099	9999	Yes	Yes	\$22.50	200	\$2.00	-	-
AMERICAN INTERMAXX	Mc Henry, IL	815-385-7240	imaxx.net	UUNET/MCI	3.088	740	Yes	Yes	\$15.95	-	-	15.95	x2
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
CHICAGONET	Carol Stream, IL	773-762-1002	chicagonet.net	GoodNet/MCI	45.000	3408	Yes	Yes	\$9.95	-	-	17.95	x2/Rock56flex/LucK56flex
Collective Intelligence Inc.	Kankakee, IL	815-933-7277	colint.com	Nap.Net	1.544	108	Yes	Yes	\$19.95	-	-	-	-
COMPUTERESE INFORM. NTWK.	Hoffman Estates, IL	847-310-1188	cin.net	Sprint/MCI	29.000	2996	Yes	Yes	\$19.95	-	-	29.95	x2/Rock56flex/LucK56flex
DLS Computer Services Inc	Algonquin, IL	847-854-4799	dls.net	MCI	3.088	32	Yes	Yes	\$14.99	-	-	-	-
Digital Interplay Inc	Chicago, IL	773-743-9843	digisplay.com	Nap.Net	1.544	10	No	No	\$19.95	100	\$1.00	-	-
EZ Networks, Inc.	Chicago, IL	312-230-9600	eznetinc.net	UUNET	0.099	9999	Yes	No	\$10.95	-	-	10.95	-
Electrinet Internet Services	Chicago, IL	773-889-3757	electrinet.com	BBN	1.544	32	No	No	\$19.95	24	-	-	-
EnterAct L.L.C.	Chicago, IL	773-248-8511	enteract.com	MAE West	10.000	472	Yes	Yes	\$5.00	5	\$1.00	-	-
FORWARD NETWORK COMMUN.	Chicago, IL	773-395-0023	theforward.net	BBN/Nap.Net	6.176	98	Yes	Yes	\$20.00	-	-	25.00	x2
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
InfoRamp Inc	Cicero, IL	708-222-6666	theramp.net	MCI	3.088	650	Yes	Yes	\$19.95	-	-	-	-
InterAccess Co	Chicago, IL	312-496-4400	interaccess.com	Sprint	0.099	9999	Yes	Yes	\$20.95	-	-	-	-
InterGlobal Communications	Chicago, IL	847-298-9933	igcom.net	MCI	3.088	124	Yes	Yes	\$16.95	240	-	-	-
InterVision Inc	Chicago, IL	312-266-8100	mbsi.net	MAE West	45.000	-	Yes	No	-	-	-	-	-
Interactive Network Systems Inc	Highland Park, IL	847-266-5600	insnet.com	DataXchange	1.544	80	Yes	Yes	\$25.00	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex
Internet Chicago	Mt Prospect, IL	847-228-1717	icsp.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
630 Area Code ♦ ILLINOIS										
INTERNET DIRECT	Schaumburg, IL	847-524-4700	i-netdirect.net	AGIS	1.544	60	No	No	\$14.95	24.95 x2
MSGNet	Chicago, IL	312-901-4143	msg.net	UUNET	0.099	9999	No	Yes	\$19.95	-
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240
MEGSINET INC	Chicago, IL	312-245-9015	megsinet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	14.95 RocK56flex
NETWave Internet	Lombard, IL	708-889-2383	netwave.net	UUNET	0.099	9999	Yes	No	\$16.95	-
Open Business Systems Inc	Addison, IL	708-916-7570	obs.net	MCI	0.099	9999	Yes	No	\$20.00	-
ORBITEL COMMUNICATIONS INC	Orland Park, IL	708-460-8686	orbitel.com	MCI/AGIS/Nap.Net	3.600	148	Yes	No	\$25.00	29.95 x2/RocK56flex
RIPCO COMMUNICATIONS INC	Chicago, IL	773-477-6210	ripco.com	UUNET	1.544	137	Yes	Yes	\$15.00	100.00 LucK56flex
Somonauk Valley Net Inc	Somonauk, IL	815-498-9107	prairienet.com	Sprint	1.544	32	Yes	No	\$19.95	-
StarNet Inc	Palatine, IL	847-202-0099	starnetinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-
The Planet Group Inc	Chicago, IL	773-772-8333	pg.net	BBN/CIX	3.088	378	Yes	Yes	\$25.00	45.00
USHost Inc	Chicago, IL	773-442-2250	ushost.com	MCI	1.544	20	Yes	Yes	-	-
WinkComm	Hoffman Estates, IL	847-310-9465	winkcomm.com	UUNET/MCI	3.088	24	No	Yes	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-
Ziplink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-

650 Area Code ♦ CALIFORNIA

MediaCity World Inc	Mountain View, CA	415-237-1400	mediacity.com	MCI	45.000	473	Yes	Yes	\$9.95	10	\$2.00	-
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701 Area Code ♦ NORTH DAKOTA

ACorporate Communications	Fargo, ND	701-277-0011	corpcomm.net	MCI/AGIS/UUNET	4.632	123	Yes	Yes	\$17.95	50	\$1.00	-
Dakota Central Telecommunications	Carrington, ND	701-674-8110	daktel.com	MCI	1.544	56	Yes	No	\$19.99	150	\$2.50	-
DAKOTA INTERNET ACCESS INC	Williston, ND	701-774-3421	dia.net	MCI	1.544	72	No	No	\$14.95	10	\$0.25	75.00 x2
Gaffaney's The Office Place	Grand Forks, ND	701-746-6466	gaffaneys.com	MCI	1.544	16	Yes	No	\$25.00	-	-	-
MAGIC INTERNET SERVICES	Minot, ND	701-838-1265	minot.com	MCI	1.544	214	Yes	Yes	\$13.95	-	-	19.95 x2
NetWork Center Inc	Fargo, ND	701-235-0940	netcenter.net	MCI	0.099	9999	No	No	\$30.00	85	\$2.95	-
Red River Net Inc	Fargo, ND	701-232-2227	rmet.com	MCI	0.099	9999	No	No	\$25.00	-	-	-
SOFTWARE SOLUTIONS LTD.	Fargo, ND	701-293-3197	linkup.net	MCI	1.544	96	Yes	No	\$20.00	-	-	20.00 x2
Souris River Telecommunications	Minot, ND	701-858-7873	ndak.net	MCI	1.544	240	Yes	No	\$11.95	-	-	-
Stellar Communications Network	Devils Lake, ND	701-662-2196	stellamet.com	MCI	1.544	32	Yes	No	\$9.95	10	\$2.50	-
The Quest Online Service	Grand Forks, ND	701-775-5555	thequest.net	UUNET	1.544	48	No	No	\$19.95	-	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-
MEANS Telcom	Plymouth, MN	612-230-4400	means.net	MCI	4.632	750	Yes	No	\$7.95	10	\$2.00	-
Montana Communications Network	Billings, MT	406-254-9413	mcn.net	Sprint	3.088	632	Yes	Yes	\$19.95	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-
USLink Long Distance	Pequot Lakes, MN	218-568-2231	uslink.net	MCI	1.544	200	No	No	\$20.00	120	\$1.50	-

702 Area Code ♦ NEVADA

@Wizard.com	Las Vegas, NV	702-871-4461	wizard.com	MCI/UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-
Access Nevada Inc	Boulder City, NV	702-294-0480	accessnv.com	AGIS/MCI	3.088	324	Yes	Yes	\$24.95	-	-	-
Accutek Internet Services	Reno, NV	702-826-7500	accutek.com	Sprint	0.099	9999	No	No	\$25.00	100	-	-
Alpine Internet	Carson City, NV	702-888-3000	alpine.net	MCI	0.099	9999	No	Yes	\$25.00	-	-	-

ARROW CRAB INTERNET INC	Reno, NV	702-786-5900	aci.net	MCI	45.000	330	Yes	Yes	\$19.95			19.95	x2
Bluehawk Communications	Las Vegas, NV	702-367-8898	bluehawk.com	MCI	0.099	9999	No	No	\$25.00	200	\$1.00	-	-
Camelot Net	Las Vegas, NV	702-384-8400	camelot.net	AGIS	0.099	9999	No	No	\$19.95	80	\$2.00	-	-
Great Basin Internet Services, Inc	Reno, NV	702-348-7299	greatbasin.net	UUNET	3.088	630	Yes	Yes	\$20.00	-	-	-	-
INTERCOMM	Sparks, NV	702-353-2600	intercomm.com	PSINet	10.000	480	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
InterMind Corp	Las Vegas, NV	702-878-6111	intermind.net	Sprint	4.632	120	No	Yes	\$20.00	-	-	-	-
LAS VEGAS On-Line	Las Vegas, NV	702-796-0163	vegas.infi.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
LAS VEGAS DIGITAL INTERNET	Las Vegas, NV	702-248-2448	lvdi.net	MCI/UUNET	4.632	392	Yes	Yes	\$25.00	-	-	25.00	x2
Las Vegas Internet, Inc.	Las Vegas, NV	702-255-0101	vegasnet.net	MCI	1.544	96	No	Yes	\$19.95	-	-	-	-
Network Resources	Las Vegas, NV	702-438-8599	nr.net	EPOCH/PSINet	3.216	59	Yes	Yes	\$24.95	-	-	-	-
NEXUS COMMUNICATIONS	Denver, CO	702-369-0900	lvnexus.net	PSINet	0.512	48	No	Yes	\$20.00	-	-	25.00	x2
PC Connections Worldwide, Inc.	Henderson, NV	702-566-5759	pconnect.net	MCI	1.544	47	Yes	Yes	\$15.95	-	-	-	-
PowerNet	Reno, NV	702-326-5200	powernet.net	AGIS/UUNET	3.088	182	Yes	Yes	\$23.00	-	-	-	-
Pyramid Net	Carson City, NV	702-884-3202	pyramid.net	MCI	1.544	189	Yes	Yes	\$19.95	-	-	-	-
Quik Internet of Reno	Reno, NV	702-686-6200	reno.quik.com	Sprint/MCI	3.088	26	Yes	No	\$19.95	-	-	-	-
Sierra Internet Services Corp.	Las Vegas, NV	702-450-6601	sierranv.net	Sprint	1.544	56	Yes	Yes	\$19.95	-	-	-	-
Sierra-Net Inc	Incline Village, NV	702-832-6911	sierra.net	Sprint	0.099	9999	No	Yes	\$18.95	-	-	-	-
SOURCENET CORPORATION	Reno, NV	702-332-3200	source.net	MCI	11.544	84	Yes	Yes	\$30.00	-	-	30.00	RocK56flex/LucK56flex
Tahoe On-line	Stateline, NV	702-588-0616	tol.net	Sprint/MCI	3.088	180	No	Yes	\$18.95	-	-	-	-
BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95	-	-	19.95	RocK56flex/LucK56flex
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
GLP Aerie Inc.	Livermore, CA	510-455-4457	gleep.com	MAE West/CWIX	7.720	50	Yes	No	\$15.00	-	-	-	-
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-
Magnus Computing Inc	Bel Air, MD	410-893-4643	magnus1.com	Sprint	3.088	50	Yes	No	\$8.25	-	-	-	-
MediaCity World Inc	Mountain View, CA	415-237-1400	mediacity.com	MCI	45.000	473	Yes	Yes	\$9.95	10	\$2.00	-	-
Metro Net	Santa Rosa, CA	707-578-4250	metro.net	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	-	-
NETConnect	Cedar City, UT	801-865-7032	tcd.net	MCI/Sprint/UUNET	30.000	696	Yes	Yes	\$19.95	-	-	19.95	-
Slip.Net	San Francisco, CA	415-281-3197	slip.net	BBN	45.000	748	Yes	Yes	\$19.95	-	-	-	-
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	-	-	29.95	x2

703 Area Code ♦ VIRGINIA

AAA NETWORKS	Falls Church, VA	703-237-7400	aanetworks.net	PSINet	30.000	48	Yes	Yes				95.00	x2
ATCALL Inc	Arlington, VA	703-522-5252	atcall.com	MCI	1.544	48	No	No	\$12.00	30	-	-	-
Alma Internet Services	Hemdon, VA	703-716-3294	alma.net	MCI	3.088	60	Yes	Yes	\$14.00	-	-	-	-
Arlington Software Exchange	Arlington, VA	703-538-4380	ase.com	CAIS	0.056	8	No	No	\$10.00	-	-	-	-
Avatar Systems Development Inc	Fairfax, VA	703-691-4343	huskynet.com	Sprint	0.099	9999	Yes	No	\$19.95	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
CAIS Inc	Mc Lean, VA	703-448-4470	cais.com	CAIS	45.000	425	Yes	Yes	\$15.95	-	-	-	-
CESF (ZZAPP!)	Arlington, VA	703-379-4568	zzapp.org	Sprint	0.099	9999	No	No	\$9.95	-	-	-	-
CITI	Vienna, VA	703-847-7799	citi.net	Sprint	0.099	9999	Yes	No	\$9.95	2	\$1.50	-	-
Cinecom	Woodbridge, VA	703-680-4733	cinecom.com	MCI	0.099	9999	No	Yes	\$15.00	-	-	-	-
Commercial Internet Services, LLC	Hemdon, VA	703-709-8423	commint.com	MAE East	10.000	-	Yes	No	-	-	-	-	-
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-	-
Crystal Quill Internet Services	Arlington, VA	703-241-7101	cqi.com	Sprint	1.544	80	Yes	No	\$9.95	-	-	-	-
Cyber Services Inc	Vienna, VA	703-749-9590	cs.com	UUNET	3.088	50	Yes	No	\$15.00	-	-	-	-
CYBERHOST, INC.	Arlington, VA	703-527-3400	cyberhost.com	CWIX	1.544	78	No	Yes	\$25.00	-	-	35.00	LucK56flex
Delta One	Chantilly, VA	703-715-9222	delta1.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
DIGINET COMMUNICATIONS, INC.	Sterling, VA	703-736-9800	diginetusa.net	UUNET/MCI	45.000	130000	Yes	Yes	\$19.95	-	-	19.95	LucK56flex
Digital Gateway Systems Inc	Vienna, VA	703-749-2884	dgsys.com	Sprint	0.099	9999	Yes	No	\$25.00	180	\$1.00	-	-
digitalNATION Inc	Alexandria, VA	703-642-2800	dn.net	AGIS/MAE East/Sprint/MCI	23.088	250	Yes	No	\$12.50	-	-	-	-
DOUBLE D NETWORK SERVICES	Woodbridge, VA	703-492-6636	doubled.com	Sprint	0.128	31	No	No	\$6.95	60	-	6.95	x2
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Flying Penguin Productions Ltd	Arlington, VA	703-358-9219	penguin.net	MAE East	1.544	-	Yes	No	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
703 Area Code ♦ VIRGINIA													
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
Intelligent Decisions	Chantilly, VA	703-803-8070	intelligent.net	DIGEX	0.099	9999	No	Yes	\$90.00	-	-	-	-
JNP Computer Services	Woodbridge, VA	703-680-0714	jnpes.com	MCI	0.099	9999	No	No	\$15.00	-	-	-	-
LaserNet LLC	Fairfax, VA	703-591-4232	laser.net	UUNET	1.544	100	Yes	No	\$20.00	-	-	-	-
MediaSoft Corp	Leesburg, VA	703-777-9475	mediasoft.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Metasystems Design Group Inc	Arlington, VA	703-243-6622	tmn.com	AGIS	1.544	42	No	No	\$20.00	60	\$2.00	-	-
Monumental Network Systems	Chantilly, VA	703-631-3600	monumental.com	MCI/UUNET/CWIX/Nap.Net	6.176	1050	Yes	Yes	\$20.00	-	-	-	-
NCM	Mc Lean, VA	703-847-0040	ncm.com	Sprint/DataXchange	4.632	-	Yes	No	-	-	-	-	-
Neptune Interactive Comm	Alexandria, VA	703-924-9234	nicom.com	UUNET	0.099	9999	No	No	\$10.00	-	-	-	-
Network Monitoring And Repair, Inc.	Sterling, VA	703-450-7320	i95.com	MCI	1.544	32	No	Yes	\$20.00	100	\$1.00	-	-
Norloff Computer Corporation	Oakton, VA	703-242-4480	os2bbs.com	Sprint	1.544	21	Yes	Yes	\$19.00	120	\$1.00	-	-
Northern Virginia Info Svcs	Gainesville, VA	703-753-9450	novais.com	MAE East	1.544	68	Yes	Yes	\$20.00	-	-	-	-
SONNETS Inc	Clifton, VA	703-502-8589	sonnets.net	Sprint	0.099	9999	No	No	\$19.00	120	\$1.50	-	-
ShireNet Communications Systems	Reston, VA	703-715-9452	shirenet.com	Sprint	0.512	21	No	Yes	\$18.00	300	\$1.00	-	-
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
TIDAL WAVE COMMUNICATIONS	Chantilly, VA	703-968-5744	tidalwave.net	UUNET	45.000	3700	Yes	Yes	\$9.50	-	-	9.50	x2
Virginia Internet Services	Springfield, VA	703-913-0823	vais.net	GoodNet	1.544	34	Yes	No	\$19.50	360	\$1.00	-	-
WizardNet Inc	Fairfax, VA	703-573-2200	wizard.net	MCI	1.544	110	No	No	\$15.00	-	-	-	-
WORLD DATA NETWORK, INC.	Reston, VA	703-648-0808	wdn.com	AGIS	1.544	54	No	Yes	\$12.00	-	-	19.95	x2
World Web Limited	Alexandria, VA	703-838-2000	worldweb.net	Sprint	45.000	1500	Yes	Yes	\$20.00	8	\$1.00	-	-
ABSNET INTERNET SERVICES													
ARIInternet Corp	Baltimore, MD	410-361-8160	abs.net	CAIS	45.000	300	Yes	Yes	\$15.00	90	\$1.00	15.00	Rock56flex
Addis Internet Services, Inc.	Landover, MD	301-459-7171	ari.net	Sprint	1.544	200	No	No	\$17.95	12	\$1.00	-	-
Allied Telecom Group	Silver Spring, MD	301-585-1200	addis.net	Sprint	1.544	48	Yes	No	\$19.00	-	-	-	-
Allyed Telecom Group	Washington, DC	202-541-9000	allyedtelecom.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
American Business Associates, Inc.	Stafford, VA	540-720-7541	aba2net.com	Sprint	1.544	15	No	No	\$15.00	-	-	-	-
American Infomation Network	Columbia, MD	410-715-6809	ai.net	UUNET	45.000	-	Yes	No	-	-	-	-	-
Annapolis Internet Inc	Annapolis, MD	410-571-8600	annapolis.net	MCI	1.544	70	Yes	Yes	\$19.95	180	\$0.25	-	-
Atlantech Online Inc	Laurel, MD	301-593-2794	atlantech.net	UUNET/PSINet	0.099	9999	Yes	No	\$19.00	-	-	-	-
Bethesda Online Organization	Bethesda, MD	301-657-0863	boo.net	UUNET	1.544	32	No	No	\$14.95	-	-	-	-
Biznet Internet Services Inc	Richmond, VA	804-755-4885	bznet.com	CWIX	0.099	9999	No	No	\$25.00	100	\$1.95	-	-
CAPCON Library Network	Washington, DC	202-331-5771	capcon.net	UUNET	1.544	100	No	No	\$27.00	-	-	-	-
COMMUNICATIONS Plus	Rockville, MD	301-294-3400	comm-plus.net	CWIX	1.544	200	No	No	\$10.50	-	-	-	-
CAPITAL CITY CYBERLINK	Rockville, MD	301-517-5647	dclink.com	UUNET	1.544	155	No	No	\$10.00	-	-	10.00	x2
Charm Net Inc	Baltimore, MD	410-558-3900	charm.net	Sprint/MCI/CAIS	13.088	323	Yes	Yes	\$25.00	-	-	-	-
Clark Internet Services Inc	Columbia, MD	410-995-0550	clark.net	AGIS/Sprint	0.099	9999	Yes	Yes	\$19.00	-	-	-	-
Cyber Connection Corp	Washington, DC	202-944-9700	cyberconnection.com	UUNET	0.099	-	Yes	No	-	-	-	-	-
CYBER REALM	Rockville, MD	301-947-0100	cyberrealm.net	BBN	45.000	264	Yes	Yes	\$17.99	-	-	29.00	x2
CYBERWORKS INC	Richmond, VA	804-553-0003	cybrwks.com	DIGEX/MCI	45.000	135	Yes	Yes	\$14.00	-	-	29.95	Rock56flex
D&R Systems Inc	Clinton, MD	301-203-1996	drsystms.com	MCI	3.088	25	No	No	\$20.00	-	-	-	-
DCS Online	Waldorf, MD	301-932-7120	dcsol.com	Sprint	0.256	24	No	No	\$10.00	-	-	-	-
Dragon Sports	Hughesville, MD	301-645-3416	dsport.com	MAE East	1.544	16	No	No	\$13.75	-	-	-	-
Economic Computer Systems Inc	Stafford, VA	540-659-9557	staffnet.com	CAIS/GoodNet	0.099	9999	Yes	Yes	\$19.75	-	-	-	-
GS-Link Systems Inc	Winter Park, FL	407-671-8682	gslink.net	Sprint	1.544	25	Yes	No	\$20.00	-	-	-	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-
Heller Information Services	Rockville, MD	301-946-8600	his.com	Sprint	0.099	9999	No	Yes	\$30.00	180	\$1.00	-	-
Hermes Internet Service	Washington, DC	202-646-1640	hermesnet.net	CAIS	1.544	55	Yes	No	\$20.00	-	-	-	-
i2020	Richmond, VA	804-649-1800	i2020.net	MCI	10.000	1600	Yes	Yes	\$20.00	-	-	-	-
IMS INTERCOM													
IllumiNet Information Services	Clinton, MD	301-856-2706	imssys.com	MCI	1.544	68	Yes	No	\$18.95	-	-	31.00	x2
	Stafford, VA	540-720-8184	illuminet.net	MAE East	1.544	60	No	No	\$14.95	-	-	-	-

Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-	-
Informational Superhighway Systems	New Haven, CT	203-389-6921	issystems.com	UUNET	1.544	100	No	No	\$9.95	-	-	-	-	-
Internet Express Inc	Damascus, MD	301-253-1500	x-press.net	Sprint/MCI	3.088	145	Yes	No	\$8.00	-	-	-	-	-
Internet Interstate	Bethesda, MD	301-652-4468	intr.net	Sprint	13.000	185	Yes	Yes	\$18.12	420	\$1.00	-	-	-
Interpath	Raleigh, NC	919-890-6300	interpath.net	Sprint	0.099	9999	Yes	Yes	\$29.00	-	-	-	-	-
INVISION SYSTEMS INC.	Baltimore, MD	410-246-1691	satelink.net	MCI	43.232	80	Yes	Yes	\$18.00	-	-	50.00	-	x2
KIVEX Inc	Bethesda, MD	301-215-7744	kivex.com	UUNET/MCI	45.000	-	Yes	No	-	-	-	-	-	-
METRONET INTERNET SERVICES	Baltimore, MD	410-246-9111	min.net	Sprint	10.000	152	Yes	Yes	\$15.00	240	\$1.00	15.00	-	x2
Micro Access	Washington, DC	202-529-5001	mat.net	Sprint	0.099	9999	No	No	\$25.00	6	\$1.00	-	-	-
Mikayola Intl Comm Network	East Brunswick, NJ	908-651-2001	mikayola.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-	-
NetRail, Inc	Atlanta, GA	404-522-5400	netrail.net	Netrail	0.099	9999	Yes	Yes	\$19.95	6	\$0.50	-	-	-
Potomac Internet	Washington, DC	202-331-8989	potomac.net	UUNET	1.544	100	No	No	\$18.00	-	-	-	-	-
PrimaNET Communications Inc	Silver Spring, MD	301-585-4081	primanet.com	EPOCH	10.000	250	Yes	No	\$12.50	-	-	19.95	-	-
R&D Enterprises	Rockville, MD	301-493-6797	bus.com	MAE East	0.128	5	No	No	\$15.00	-	-	-	-	-
RadixNet	Oxon Hill, MD	301-567-9831	radix.net	AGIS/CAIS	4.632	356	Yes	Yes	\$19.00	-	-	-	-	-
Smartnet Internet Services LLC	Laurel, MD	301-470-3400	smart.net	MCI/CAIS/CWIX	7.720	229	Yes	Yes	\$15.00	-	-	-	-	-
Softaid Internet Services Inc	Columbia, MD	410-290-7763	softaid.net	AGIS	1.544	60	Yes	No	\$19.99	-	-	-	-	-
Strategic Office Solutions, Inc.	Olney, MD	301-924-4411	strategicoffice.com	MCI	1.544	2	Yes	Yes	-	-	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-	-
Team Infinity	Greenbelt, MD	301-805-1281	teaminfinity.com	DIGEX	1.544	64	No	No	\$17.00	-	-	-	-	-
TELEPHONET CORP	Baltimore, MD	410-427-9000	telephonet.com	DIGEX	1.544	576	Yes	Yes	\$18.50	-	-	18.50	-	x2
Thoughts.Net	Annapolis, MD	410-263-3210	thoughts.net	-	45.000	-	Yes	No	-	-	-	-	-	-
Tomco Systems Inc	Temple Hills, MD	301-423-7397	tomco.net	MCI	1.544	144	Yes	Yes	\$17.00	-	-	-	-	-
US NET INCORPORATED	Silver Spring, MD	301-572-5926	us.net	Sprint/AGIS	7.720	638	Yes	Yes	\$18.95	-	-	18.95	-	LucK56flex
Ultralex Information Provider	Laurel, MD	301-598-6879	upx.net	Sprint	0.099	9999	Yes	No	\$15.00	120	\$1.00	-	-	-
Virtual Networks Inc	Rockville, MD	301-738-1111	vni.net	CAIS/Sprint	0.099	9999	Yes	Yes	\$23.00	-	\$1.00	-	-	-
Virtual Web, Inc.	Fredericksburg, VA	540-785-9421	virtual-web.net	UUNET	7.700	190	No	Yes	\$15.95	24	-	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex	-
World Data	Washington, DC	202-785-6800	worlddata.com	MCI	1.544	100	Yes	Yes	-	-	-	-	-	-
Xpress Internet Services	Germantown, MD	301-601-5050	xis.com	Sprint	0.099	9999	No	No	\$19.00	120	\$1.00	-	-	-

704 Area Code ♦ NORTH CAROLINA

ABTSNET Internet Services	Hickory, NC	704-322-4633	abts.net	BBN	1.544	180	No	No	\$19.95	-	-	-	-	-
ALPHATECH ON-LINE	Hendersonville, NC	704-687-8848	a-o.com	MCI	1.544	149	Yes	Yes	\$16.45	-	-	19.95	-	RockK56flex
Carolina Internet	Charlotte, NC	704-643-8330	caro.net	UUNET	0.099	9999	Yes	Yes	\$35.00	-	-	-	-	-
Circle Net Inc	Asheville, NC	704-254-9500	circle.net	UUNET	0.099	9999	No	Yes	\$22.00	-	-	-	-	-
Computer Basics Inc.	Salisbury, NC	704-630-0700	cbiinternet.com	GridNet	1.440	20	No	No	\$19.95	-	-	-	-	-
Connect, Inc.	Hickory, NC	704-345-1886	conninc.com	DIGEX	1.544	50	No	No	\$10.00	-	-	-	-	-
Dasia.Net, LLC	Indian Trail, NC	704-821-8802	dasia.net	Sprint	1.544	200	Yes	No	\$18.00	-	-	-	-	-
Digipic	Asheville, NC	704-253-3939	asheville.com	MCI	1.544	59	Yes	Yes	\$19.95	-	-	-	-	-
Dilan	Hickory, NC	704-328-8551	w3link.com	Sprint	0.099	9999	Yes	No	\$14.95	-	-	-	-	-
Dnet Internet Service	Franklin, NC	704-349-3638	dnet.net	MCI	0.099	9999	Yes	No	\$29.95	100	\$2.00	-	-	-
Grove Enterprises Inc	Brasstown, NC	704-837-9200	grove.net	Sprint	1.544	32	No	No	\$29.95	60	\$0.50	-	-	-
Internet Blue Ridge	Rutherfordon, NC	704-286-1771	blueridge.net	Sprint	0.099	9999	Yes	Yes	\$18.95	-	-	-	-	-
INTERNET OF ASHEVILLE	Asheville, NC	704-274-1196	ioa.com	MCI	1.544	460	No	Yes	\$19.95	-	-	35.00	RockK56flex/LucK56flex	-
Internet Of Salisbury, Inc.	Salisbury, NC	704-638-0000	i-salisbury.com	MCI	0.256	40	No	No	\$19.95	-	-	-	-	-
Internet of Concord	Concord, NC	704-795-6138	concordnc.com	MCI	1.544	44	No	No	\$19.95	-	-	-	-	-
Internet of Shelby	Shelby, NC	704-480-1801	shelby.net	AGIS	3.088	9999	No	No	\$18.95	-	-	-	-	-
NETCOMM INC	Hickory, NC	704-324-4263	bluenet.net	Sprint	1.544	84	No	No	\$19.95	400	-	35.00	-	x2
POPnet, Inc.	Concord, NC	704-786-0005	popnet.net	UUNET	1.544	40	No	No	\$19.95	-	-	-	-	-
Perigee.net	Matthews, NC	704-849-8355	perigee.net	Sprint	0.099	9999	No	No	\$14.95	-	-	-	-	-
Tarheel.net	Charlotte, NC	704-375-7788	tarheel.net	UUNET	1.544	48	No	No	\$15.00	-	-	-	-	-
Trellis Technologies Inc	Matthews, NC	704-291-9999	trellis.net	MCI	1.544	72	No	No	\$20.00	-	-	-	-	-
Vista Technology	Morganton, NC	704-433-6023	vistatech.net	UUNET/GridNet	3.088	64	Yes	No	\$24.95	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
704 Area Code ♦ NORTH CAROLINA													
Wave Communications	Hickory, NC	704-326-0625	twave.net	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
Webserve Inc.	Charlotte, NC	704-556-7482	webserve.net	MCI/Sprint	0.099	9999	Yes	Yes	\$24.99	-	-	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
CETLink.Net	Rock Hill, SC	803-327-2754	cetlink.net	MCI/GoodNet	45.000	150	Yes	No	\$19.95	-	-	-	-
Carolina Online	Lumberton, NC	910-618-9790	nconline.com	MCI	1.544	75	Yes	No	\$25.00	-	-	-	-
GROUND ZERO COMMUN.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	-
Ikonet	Los Angeles, CA	213-286-2001	ikonet.com	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-
Internet of Spartanburg	Spartanburg, SC	864-503-8833	spartanburg.net	MAE East	1.544	92	Yes	Yes	\$18.95	-	-	-	-
Interpath	Raleigh, NC	919-890-6300	interpath.net	Sprint	0.099	9999	Yes	Yes	\$29.00	-	-	-	-
INTERSTATE 2000, INC.	Jellico, TN	423-784-2000	jellico.com	DataXchange	1.544	110	No	No	\$19.95	-	\$1.00	29.95	x2
Teleplex Communications Inc	Spartanburg, SC	864-585-7539	teleplex.net	MCI	0.099	9999	Yes	No	\$29.95	-	-	-	-

705 Area Code ♦ ONTARIO

Barrie Connex Inc.	Barrie, ON	705-725-0819	bconnex.net	Sprint	4.632	500	Yes	No	\$9.95	10	\$1.25	-	-
COMPU-SOLVE TECHNOLOGIES	Midland, ON	705-528-6000	csolve.net	MCI	0.512	258	Yes	No	\$24.95	-	-	29.95	x2
Cyberion Networking-Barrie Internet	Barrie, ON	705-733-3630	barint.on.ca	MCI	1.544	402	Yes	Yes	\$30.00	-	-	-	-
efni CONNECT	North Bay, ON	705-474-3364	efni.com	MCI	45.000	130	No	No	\$29.99	-	-	-	-
Grant Internet Communications	Collingwood, ON	705-446-2900	grant.ca	MCI	1.544	50	No	No	\$34.95	-	-	-	-
Information Gateway Services, PTBO	Peterborough, ON	705-876-9158	ptbo.igs.net	MCI	3.088	105	No	Yes	\$24.95	60	\$0.50	-	-
Internet North	Elliot Lake, ON	705-848-3047	inorth.on.ca	iSTAR	1.544	40	Yes	No	\$29.95	60	\$1.00	-	-
Muskoka.Com	Bracebridge, ON	705-645-6097	muskoka.com	MCI	0.099	9999	No	No	\$30.00	30	\$1.25	-	-
Netopia Corp	Barrie, ON	705-725-9745	netopia.net	UUNET	1.544	50	No	No	\$29.00	120	\$0.65	-	-
The Haliburton Highlands Network	Haliburton, ON	705-457-1590	halhinet.on.ca	MCI	0.128	32	No	No	\$30.00	30	\$1.00	-	-
Transdata Communications	Barrie, ON	705-727-0733	transdata.ca	MCI	1.544	72	Yes	No	\$29.95	50	\$1.00	-	-
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
Alberta SuperNet	Edmonton, AB	403-441-3663	supernet.ab.ca	MCI	0.099	9999	No	No	\$29.95	100	\$2.00	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Durham.Net Inc	Oshawa, ON	905-427-5330	durham.net	iSTAR	1.544	90	Yes	No	\$15.00	20	\$1.00	-	-
INTERHOP NETWORK SERVICES	Toronto, ON	416-494-1603	interhop.net	Sprint/iSTAR	3.088	560	Yes	Yes	\$9.99	10	\$1.00	9.99	RocK56flex/Luck56flex
INTERLINKS	Oshawa, ON	905-404-0810	interlinks.net	Sprint	1.544	190	No	No	\$25.00	-	-	25.00	x2
ONet Networking	Toronto, ON	416-978-4589	onet.on.ca	MCI	3.088	-	Yes	No	-	-	-	-	-
SOS INTERNET CORP	Hanover, ON	519-364-3878	sos.on.ca	UUNET	1.544	172	No	No	\$25.00	-	-	25.00	x2

706 Area Code ♦ GEORGIA

ACME BRAINWORKS INTERNET	Rabun Gap, GA	706-746-5580	acme-brain.com	UUNET	45.000	50	No	No	\$20.00	-	-	20.00	x2
ATHENS ISP	Athens, GA	706-613-0611	athens.net	Sprint	1.544	118	Yes	Yes	\$30.00	-	-	30.00	RocK56flex
Augusta.Net Inc	Augusta, GA	706-650-8881	augusta.net	Sprint	1.544	52	Yes	No	\$20.00	-	-	-	-
CSRA Internet Services	Martinez, GA	706-868-0707	csranet.com	UUNET	0.099	9999	No	No	\$14.00	50	\$0.28	-	-
CyberHighway of North Georgia	Demorest, GA	706-776-6945	cybermg.net	MCI	0.099	9999	No	No	\$24.95	-	-	-	-
Georgia Business Net	Augusta, GA	706-823-2115	gabn.net	BBN	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Georgia Network Access	Columbus, GA	706-326-0333	gnat.net	MCI	0.099	9999	No	No	\$19.50	-	-	-	-
internet@Dalton	Dalton, GA	706-278-7688	dalton.net	Sprint	1.544	43	No	No	\$19.95	-	-	-	-

Internet CSRA	Augusta, GA	706-724-1509	csra.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
LANWORKS SYSTEMS	Hull, GA	706-549-1319	athensnet.com	Sprint	1.544	74	No	Yes	\$9.50	40	\$0.35	9.50	x2
LightSpeed Data Links Inc	Columbus, GA	706-321-1261	ldi.net	CRL	1.544	138	Yes	Yes	\$19.95	-	-	-	-
NorthEast Georgia Internet Access	Athens, GA	706-546-5787	negia.net	Sprint	1.544	112	Yes	No	\$19.00	-	-	-	-
Osborne Computer Systems	Dalton, GA	706-278-5122	ocsonline.com	MCI	1.544	75	No	No	\$19.95	-	-	-	-
The Southern Connection	Augusta, GA	706-650-9176	southconn.com	DataXchange	0.099	9999	No	No	\$15.00	-	-	-	-
Thomson Net Inc	Thomson, GA	706-595-8400	thomson.net	MCI	1.544	32	No	No	\$25.00	-	-	-	-
Znet	Augusta, GA	706-828-3860	groupz.net	MCI/Sprint	3.088	123	Yes	Yes	\$19.90	-	-	-	-
Abraxis Networks Inc	Duluth, GA	770-495-2464	abraxi.com	MCI	1.544	116	No	Yes	\$18.95	-	-	-	-
ATLANTA ON-LINE INTERNET INC	Marietta, GA	770-955-3000	atlonline.com	MCI	1.544	78	Yes	Yes	\$17.95	-	-	25.00	x2/RocK56flex
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Crystal Point Online Service	Chattanooga, TN	423-266-5188	crystalpt.com	DataXchange	0.099	9999	No	No	\$21.45	100	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
g:NET	Pembroke, GA	912-653-4000	g-net.net	AT&T	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	-
HOMENET COMMUNICATIONS INC	Warner Robins, GA	912-329-8638	hom.net	CRL/MCI	3.088	288	Yes	Yes	\$18.25	-	-	24.95	RocK56flex
INDEX Inc	Woodstock, GA	770-924-8667	index.com	MCI	0.099	9999	No	Yes	\$15.00	120	\$1.50	-	-
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-
InnerX Communications, Inc.	Cartersville, GA	770-386-0098	innerx.net	MCI/DIGEX	4.632	1027	Yes	No	\$19.95	-	-	-	-
Interlinks Online	Bogart, GA	770-725-0900	ilinks.net	UUNET	0.099	9999	No	No	\$17.95	-	-	-	-
Internet Atlanta	Atlanta, GA	404-898-2500	atlanta.com	MAE East/MAE West	45.000	372	Yes	Yes	\$9.95	20	\$1.00	-	-
Internet Now Inc	Stockbridge, GA	770-389-7200	inetnow.net	UUNET	0.099	9999	Yes	Yes	\$19.99	-	-	-	-
INTERNET SCESCAPE	Aiken, SC	803-649-0015	scescape.net	Sprint/MCI	3.088	276	Yes	Yes	\$30.00	-	-	30.00	RocK56flex
INTERSTATE 2000, INC.	Jellico, TN	423-784-2000	jellico.com	DataXchange	1.544	110	No	No	\$19.95	-	\$1.00	29.95	x2
Lyceum Internet	Atlanta, GA	404-248-1733	lyceum.com	UUNET	1.544	30	Yes	Yes	\$1.00	1	\$1.00	-	-
VECNET	Norcross, GA	770-300-8990	vec.net	MCI/UUNET	3.088	488	Yes	Yes	\$19.95	-	-	19.95	x2
Vivid.Net	Smyrna, GA	770-933-0999	vivid.net	UUNET	10.000	500	Yes	Yes	\$20.99	-	-	-	-
Volunteer State Internet	Dayton, TN	423-894-8164	volstate.net	GridNet	1.544	30	No	No	\$18.88	-	-	-	-

707 Area Code ♦ CALIFORNIA

ASIS Telemedia	Garberville, CA	707-923-3356	asis.com	MAE West	1.544	20	No	No	\$25.00	-	-	-	-
AccessPort	Santa Rosa, CA	707-522-5100	ap.net	UUNET	0.099	9999	No	Yes	\$20.00	-	-	-	-
CASTLES INFORMATION NTWK.	Fairfield, CA	707-422-7311	castles.com	UUNET/MCI	3.088	285	Yes	Yes	\$20.00	-	-	20.00	x2
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-	-	-	-
Excalibur! Software	Santa Rosa, CA	707-542-3292	partyline.com	MAE West	3.088	12	No	No	\$15.00	-	-	-	-
FISCHER COMPUTER SYSTEMS	Angwin, CA	707-965-2414	fcs.net	UUNET	1.544	116	Yes	Yes	\$30.00	360	\$1.00	50.00	x2
HUMBOLDT INTERNET	Arcata, CA	707-825-4638	humboldt1.com	AGIS	1.544	146	No	Yes	\$20.00	165	\$0.50	20.00	x2
In-Site Communications	Petaluma, CA	707-765-9993	iscweb.com	UUNET	1.544	60	No	No	\$19.95	-	-	-	-
Mendocino Community Network	Mendocino, CA	707-937-1444	mcn.org	UUNET	1.544	147	No	Yes	\$19.95	100	\$0.50	-	-
Metro Net	Santa Rosa, CA	707-578-4250	metro.net	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	-	-
Monitor Publishing	Occidental, CA	707-874-2324	monitor.net	UUNET	0.099	9999	No	No	\$21.00	90	-	-	-
NETEASE	Santa Rosa, CA	707-569-5000	neteze.com	UUNET/MCI	4.000	275	Yes	Yes	\$12.86	-	-	12.86	x2/RocK56flex/LucK56flex
Northcoast Internet Inc	Eureka, CA	707-443-6803	northcoast.com	UUNET	1.544	145	No	Yes	\$24.95	150	\$0.50	-	-
PCLNet.COM	Vallejo, CA	707-644-5172	pclnet.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
Pacific Internet	Ukiah, CA	707-468-1005	pacific.net	UUNET	0.099	9999	No	Yes	\$20.00	-	-	-	-
PACIFIC ONLINE SERVICES	Rohnert Park, CA	707-588-8700	pon.net	MAE West	10.000	100	Yes	No	\$12.00	-	-	19.95	x2/RocK56flex
Silicon Valley North	Petaluma, CA	707-781-9999	svn.net	MAE West	0.099	9999	No	No	\$15.00	-	-	20.00	-
SONOMA INTERCONNECT	Santa Rosa, CA	707-522-1000	sonic.net	UUNET/MCI	35.544	627	Yes	Yes	\$15.00	-	-	15.00	x2
TABNet	Napa, CA	707-256-1999	tabnet.com	UUNET/Sprint/MAE West/MAE East	45.000	-	Yes	No	-	-	-	-	-
tidepool.com	Arcata, CA	707-825-7000	tidepool.com	MCI	1.544	75	No	No	\$19.00	300	\$0.50	-	-
West Coast Internet	Eureka, CA	707-269-2860	wcnet.net	MCI	1.544	20	No	No	\$20.00	300	\$1.00	-	-
West Coast Lynx (a pop of ap.net)	Forestville, CA	707-887-4640	wclynx.com	AGIS	1.544	86	No	No	\$20.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
707 Area Code ♦ CALIFORNIA													
West Coast Online Inc	Rohnert Park, CA	707-586-3060	wco.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
ZAP COMMUNICATIONS	Ukiah, CA	707-462-8475	zapcom.net	UUNET	1.544	108	No	Yes	\$17.50	-	-	22.50	x2
Alameda Networks, Inc.	Alameda, CA	510-769-2936	alameda.net	MAE East	3.088	48	Yes	Yes	-	-	-	-	-
Best Internet Communications Inc	Mountain View, CA	415-964-2378	best.com	UUNET/MCI	0.099	9999	Yes	No	\$30.00	-	-	-	-
Best/North Bay Network	San Rafael, CA	415-472-1600	nbn.com	UUNET	0.099	9999	No	Yes	\$20.00	50	\$1.00	-	-
BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95	-	-	19.95	Rock56flex/LucK56flex
CCnet Inc	Walnut Creek, CA	510-988-0680	ccnet.com	IBM/Verio	45.000	950	Yes	Yes	\$19.95	150	\$0.50	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
DSP NET	San Francisco, CA	415-695-7714	dsp.com	MCI/UUNET	10.044	500	Yes	No	\$19.95	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
East County Internet Svcs Inc	Antioch, CA	510-706-4280	ecis.com	UUNET	1.544	276	No	Yes	\$19.95	-	-	-	-
GeoNet Communications Inc.	Redwood City, CA	415-596-1700	geo.net	GeoNet	45.000	-	Yes	No	-	-	-	-	-
Global Infonet Inc	Oakland, CA	510-658-2177	california.com	UUNET	1.544	150	No	No	\$15.00	-	-	-	-
Grin Net, LLC.	San Francisco, CA	415-882-9922	grin.net	MAE West/UUNET	45.000	396	Yes	Yes	\$19.95	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
Idiom Consulting	Oakland, CA	510-658-5700	idiom.com	UUNET	1.544	96	Yes	Yes	\$30.00	240	\$0.25	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/Rock56flex
Infolane Corp	Fremont, CA	510-797-8086	infolane.com	UUNET/MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Internet Frontier	Walnut Creek, CA	510-938-2925	internet-frontier.net	UUNET	1.544	112	No	Yes	\$17.95	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/Rock56flex
KudoNet On-Line Services	Sunnyvale, CA	408-738-1201	kudonet.com	MCI/UUNET	11.544	196	Yes	Yes	\$29.00	-	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
LineX Communications	San Rafael, CA	415-455-1650	linex.com	MCI	0.099	9999	No	Yes	\$24.00	150	-	-	-
Manteca Information Systems	Manteca, CA	209-239-2082	mistic.net	MCI	1.544	30	No	No	\$19.50	-	-	-	-
Microweb Communications	Richmond, CA	510-412-5791	microweb.com	AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-
Net Vista	Concord, CA	510-688-4600	netvista.net	AGIS/MCI	3.088	80	No	No	\$19.95	120	\$0.50	-	-
Network Architects	San Ramon, CA	510-855-4900	archnet.com	UUNET	0.099	9999	Yes	Yes	-	-	-	-	-
NOTHING BUT NET	Dublin, CA	510-828-0664	nothingbutnet.net	AGIS	1.544	66	Yes	Yes	\$19.95	-	-	29.95	x2
Open Net	Sacramento, CA	916-557-2700	openet.com	AGIS	0.099	9999	Yes	Yes	\$20.00	-	\$0.01	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
QUIKNET INFORMATION SRVS.	Roseville, CA	916-536-9700	quiknet.com	Sprint	1.544	525	Yes	Yes	\$18.95	80	\$1.00	18.95	LucK56flex
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	-	-	29.95	x2
Silicon Connections	Moraga, CA	510-631-0101	silcon.com	MCI	1.544	70	No	Yes	\$19.95	-	-	-	-
Sirius Connections	San Francisco, CA	415-865-5000	sirius.com	UUNET/Sprint/MCI	6.176	864	Yes	No	\$18.95	-	-	-	-
Slip.Net	San Francisco, CA	415-281-3197	slip.net	BBN	45.000	748	Yes	Yes	\$19.95	-	-	-	-
SnowCrest Computer Specialties, Inc.	Mount Shasta, CA	916-926-6888	snowcrest.net	CRL	1.544	393	No	Yes	\$15.00	-	-	-	-
Spiderweb Internet East	Sacramento, CA	916-362-8686	spyderwebb.com	AGIS/MAE West	3.088	40	Yes	Yes	\$16.95	50	\$0.95	-	-
Value Net Internetwork Services	Walnut Creek, CA	510-943-5769	value.net	UUNET	1.544	300	No	Yes	\$20.00	-	-	-	-
Valuserve	Campbell, CA	408-341-0600	valuserve.com	CRL/UUNET	45.000	500	Yes	Yes	\$25.00	-	-	-	-
WIRED INTERNET	Sacramento, CA	916-668-7650	wired2.net	MCI	44.600	192	No	No	\$17.50	-	-	17.50	x2

708 Area Code ♦ ILLINOIS

ACCESS Chicago	Orland Park, IL	708-873-0957	accesschicago.net	Sprint	1.544	50	Yes	No	\$23.00	-	-	-	-
InfoRamp Inc	Cicero, IL	708-222-6666	theramp.net	MCI	3.088	650	Yes	Yes	\$19.95	-	-	-	-
Millennium Internet Ltd	Palos Heights, IL	708-388-2040	millnet.net	UUNET	0.099	9999	No	No	\$29.95	-	-	-	-
NETWave Internet	Lombard, IL	708-889-2383	netwave.net	UUNET	0.099	9999	Yes	No	\$16.95	-	-	-	-
Netbyte 2000, Inc.	Summit Argo, IL	708-728-0200	netbyte2000.com	MCI	1.544	10	No	No	\$15.99	-	-	-	-

Open Business Systems Inc	Addison, IL	708-916-7570	obs.net	MCI	0.099	9999	Yes	No	\$20.00	-	-	-	-
ORBITEL COMMUNICATIONS INC	Orland Park, IL	708-460-8686	orbitel.com	MCI/AGIS/Nap.Net	3.600	148	Yes	No	\$25.00	-	-	29.95	x2/Rock56flex
SpideyWeb, Inc.	Park Forest, IL	708-748-5567	spideyweb.net	MCI/Nap.Net	3.088	30	No	No	\$19.95	-	-	-	-
THE METROPOLITAN NETWORK	Park Forest, IL	708-747-0600	met-net.com	DIGEX/PSINet	1.800	130	No	Yes	\$19.95	-	-	19.95	x2
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	Rock56flex
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
Allways, Inc.	Westmont, IL	630-971-9866	dpliv.com	MCI	0.099	9999	No	Yes	\$15.95	-	-	-	-
AMERICAN COMM & ENT NTWK.	Chicago, IL	312-808-9600	acen.net	BBN	45.000	507	Yes	Yes	\$5.95	-	-	5.95	x2
American Information Systems Inc	Chicago, IL	312-255-8500	ais.net	MCI/Sprint/UUNET/CWIX	0.099	9999	Yes	Yes	\$22.50	200	\$2.00	-	-
AMERICAN INTERMAXX	Mc Henry, IL	815-385-7240	imaxx.net	UUNET/MCI	3.088	740	Yes	Yes	\$15.95	-	-	15.95	x2
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Aquila Internet Services	Aurora, IL	630-820-0480	aquila.net	Sprint	1.544	54	Yes	Yes	\$19.95	20	\$2.00	-	-
AXON DATA SYSTEMS	Downers Grove, IL	630-595-5096	axnet.com	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	14.00	x2
CCSS	Chicago, IL	773-779-2277	ccss.net	MCI/GoodNet	3.088	200	No	Yes	\$15.00	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
CHICAGONET	Carol Stream, IL	773-762-1002	chicagonet.net	GoodNet/MCI	45.000	3408	Yes	Yes	\$9.95	-	-	17.95	x2/Rock56flex/LucK56flex
Collective Intelligence Inc.	Kankakee, IL	815-933-7277	colint.com	Nap.Net	1.544	108	Yes	Yes	\$19.95	-	-	-	-
COMPUTERESE INFORM. NTWK.	Hoffman Estates, IL	847-310-1188	cin.net	Sprint/MCI	29.000	2996	Yes	Yes	\$19.95	-	-	29.95	x2/Rock56flex/LucK56flex
CyberConnect of Chicago	Chicago, IL	312-622-5300	cyberconnect.com	Sprint	1.544	44	Yes	No	\$20.00	-	-	-	-
CYCOM COMMUNICATIONS CORP	Naperville, IL	630-961-1234	cycom.net	CIX/UUNET	4.632	200	Yes	No	\$19.95	-	-	19.95	x2
DLS Computer Services Inc	Algonquin, IL	847-854-4799	dls.net	MCI	3.088	32	Yes	Yes	\$14.99	-	-	-	-
DATAFLO INC	Wood Dale, IL	630-860-4578	dataflo.net	MCI	3.088	210	No	Yes	\$20.00	-	-	20.00	x2
Digital Interplay Inc	Chicago, IL	773-743-9843	digisplay.com	Nap.Net	1.544	10	No	No	\$19.95	100	\$1.00	-	-
EZ Networks, Inc.	Chicago, IL	312-230-9600	eznetinc.net	UUNET	0.099	9999	Yes	No	\$10.95	-	-	10.95	-
Electrinet Internet Services	Chicago, IL	773-889-3757	electrinet.com	BBN	1.544	32	No	No	\$19.95	24	-	-	-
EnterAct L.L.C.	Chicago, IL	773-248-8511	enteract.com	MAE West	10.000	472	Yes	Yes	\$5.00	5	\$1.00	-	-
FORWARD NETWORK COMMUN.	Chicago, IL	773-395-0023	theforward.net	BBN/Nap.Net	6.176	98	Yes	Yes	\$20.00	-	-	25.00	x2
Grapevine Systems Inc	Chicago, IL	312-226-1675	grapevine-sys.com	UUNET	0.099	9999	No	No	\$25.00	250	-	-	-
Hamilton & Bond	Glen Ellyn, IL	630-469-0071	marketus.net	MCI	45.000	8	No	No	\$21.95	-	-	-	-
I Connection Inc	Waukegan, IL	847-662-0877	iconnect.net	MAE West	1.544	100	Yes	No	\$25.00	250	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
InterAccess Co	Chicago, IL	312-496-4400	interaccess.com	Sprint	0.099	9999	Yes	Yes	\$20.95	-	-	-	-
InterGlobal Communications	Chicago, IL	847-298-9933	igcom.net	MCI	3.088	124	Yes	Yes	\$16.95	240	-	-	-
InterVision Inc	Chicago, IL	312-266-8100	mbsi.net	MAE West	45.000	-	Yes	No	-	-	-	-	-
Interactive Network Systems Inc	Highland Park, IL	847-266-5600	insnet.com	DataXchange	1.544	80	Yes	Yes	\$25.00	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex
Internet Chicago	Mt Prospect, IL	847-228-1717	icsp.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-
INTERNET DIRECT	Schaumburg, IL	847-524-4700	i-netdirect.net	AGIS	1.544	60	No	No	\$14.95	-	-	24.95	x2
Internet Illinois	Geneva, IL	630-513-1033	inil.com	MCI	3.088	1092	Yes	Yes	\$20.00	-	-	-	-
JORMS Internet	Dyer, IN	219-322-2180	jorsm.com	MCI	1.544	70	Yes	No	\$18.95	-	-	-	-
Kwom Communications Inc	Glen Ellyn, IL	630-253-3568	kwom.com	AGIS	0.099	9999	No	Yes	\$25.00	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-
MSGNet	Chicago, IL	312-901-4143	msg.net	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
Macro Computer Solutions Inc	Chicago, IL	312-803-6271	mcs.net	DataXchange/GoodNet	0.099	9999	Yes	Yes	\$19.95	200	\$1.00	-	-
MCCARTY TECHNOLOGIES, INC	Saint Charles, IL	630-443-0061	microthought.com	BBN	1.544	1015	Yes	Yes	\$15.00	-	-	15.00	x2
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240	-	-	-
MEGSINET INC	Chicago, IL	312-245-9015	meginet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	-	-	14.95	Rock56flex
Millennia Internet	Chicago, IL	312-341-0192	miint.net	UUNET	1.544	132	Yes	Yes	\$20.00	-	-	-	-
NeTConnect	Chicago, IL	312-782-0800	interman.net	UUNET	0.099	9999	No	Yes	\$30.00	50	\$0.05	-	-
NETSOURCE COMMUNICATIONS	Naperville, IL	630-778-1212	ntsource.com	MCI	1.544	94	Yes	Yes	\$19.95	-	-	19.95	x2
Pinnacle Communications Inc	Addison, IL	630-932-8751	pincom.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
RIPCO COMMUNICATIONS INC	Chicago, IL	773-477-6210	ripco.com	UUNET	1.544	137	Yes	Yes	\$15.00	-	-	100.00	LucK56flex
Somonauk Valley Net Inc	Somonauk, IL	815-498-9107	prairienet.com	Sprint	1.544	32	Yes	No	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
708 Area Code ♦ ILLINOIS										
StarNet Inc	Palatine, IL	847-202-0099	stametinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-
Sun Valley Software Ltd	Lisle, IL	630-983-0889	svs.com	UUNET	1.544	106	Yes	Yes	\$25.00	155 \$1.00
Super-highway Inc	Roselle, IL	630-307-7600	super-highway.net	MCI	1.544	100	No	Yes	\$19.95	-
Synergistic Networks Inc	Elmhurst, IL	630-993-0460	syn.net	Sprint	1.544	48	Yes	Yes	\$20.00	-
Synet Inc	Downers Grove, IL	630-271-1500	synet.net	MCI	1.544	50	Yes	No	\$19.95	-
TCC Communications	Brookfield, WI	414-390-4457	tcccom.net	MCI/Sprint	45.000	514	Yes	Yes	\$19.95	150 \$1.00
TSR Communications	Hammond, IN	219-641-7216	tsrcom.com	GoodNet	0.099	9999	No	No	\$21.00	-
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-
Tezcatlipoca Inc	Chicago, IL	312-850-0181	tezcat.com	Sprint	0.099	9999	No	Yes	\$30.00	-
The Planet Group Inc	Chicago, IL	773-772-8333	pg.net	BBN/CIX	3.088	378	Yes	Yes	\$25.00	- 45.00
Towne Online	New Lenox, IL	815-462-1386	nlenx.com	MCI	1.544	80	No	No	\$19.95	-
USHost Inc	Chicago, IL	773-442-2250	ushost.com	MCI	1.544	20	Yes	Yes	-	-
WinkComm	Hoffman Estates, IL	847-310-9465	winkcomm.com	UUNET/MCI	3.088	24	No	Yes	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-
wyndows techknow	Glenview, IL	847-729-7522	techknow.com	MCI	1.544	16	No	No	\$9.67	-
XNet Information Systems	Lisle, IL	630-983-6064	xnet.com	Sprint/MCI/Nap.Net	45.000	400	Yes	Yes	\$20.00	186 -

709 Area Code ♦ NEWFOUNDLAND

InterActions	Mount Pearl, NF	709-745-4638	nfld.com	MCI	10.000	444	Yes	Yes	\$12.95	30 \$0.39
Newcomm Internet Services	St John's, NF	709-576-7000	newcomm.net	MCI	3.088	606	Yes	Yes	\$24.95	60 \$1.50
auracom	Halifax, NS	902-429-0222	auracom.com	MCI	0.099	9999	No	No	\$24.95	60 \$1.50

712 Area Code ♦ IOWA

A.C.S. Networks	Hawarden, IA	712-552-1136	acsnet.com	MCI	1.544	26	Yes	No	\$9.43	20 \$1.00
Farmers Telephone	Essex, IA	712-379-3001	heartland.net	MCI	0.099	9999	No	No	\$17.00	40 \$1.50
Northwest Internet Services	Havelock, IA	712-776-2612	ncn.net	MCI	3.088	186	Yes	No	\$19.95	150 \$1.00
Pioneer Internet	Sergeant Bluff, IA	712-271-0101	pionet.net	MCI	4.632	300	Yes	No	\$22.95	-
Tstech.com	Sioux City, IA	712-255-1775	tstech.com	MCI	0.099	9999	No	No	\$19.95	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30 \$1.50
AVALON NETWORKS	Iowa City, IA	319-339-8268	avalon.net	MCI	1.544	208	Yes	No	\$19.95	-
BIGO.NET	Omaha, NE	402-344-4900	bigo.net	DIGEX	7.720	502	Yes	Yes	\$20.00	-
Frontier Communications of Iowa	Fort Dodge, IA	515-955-6262	ia.frontiercomm.net	MCI	1.544	152	Yes	No	\$19.95	-
GIANT INC	Iowa City, IA	319-354-6614	giant.net	MCI	1.544	712	Yes	Yes	\$19.95	-
Hawg Wild! BBS	Lavista, NE	402-593-8527	hawgwild.com	Sprint	0.128	10	No	No	\$6.00	10 \$0.50
la.Net	Cedar Rapids, IA	319-393-1095	ia.net	Sprint	4.632	228	Yes	No	\$30.00	-
INTERNET NEBRASKA	Lincoln, NE	402-434-8680	inetnebr.com	Sprint	3.088	273	Yes	No	\$20.00	-
Iway Internet Services	Sioux Falls, SD	605-331-4211	iw.net	MCI/AGIS	3.088	306	Yes	Yes	\$19.95	75 \$0.50
JUMP GATE NETWORKS	Mason City, IA	515-424-5307	jumpgate.net	MCI	1.544	56	No	No	\$23.58	-
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5 \$0.40
LISCO	Fairfield, IA	515-472-5400	fairfield.com	MCI	0.099	9999	Yes	No	\$27.95	-
Lighthouse Communications, Inc.	West Des Moines, IA	515-222-1115	lh.net	MCI/UUNET	17.544	920	Yes	Yes	-	-
Nebraska On-Ramp	Bellevue, NE	402-291-9090	neonramp.com	Sprint	1.544	80	No	No	\$12.00	60 -
netINS, Inc.	Des Moines, IA	515-830-0110	netins.net	MCI/Sprint/UUNET	9.264	814	Yes	Yes	\$25.00	-
NOVIA INTERNET WORKING	Omaha, NE	402-391-4005	novia.net	Sprint/MCI	3.088	400	Yes	Yes	\$9.95	20 \$1.00
ONLINE MULTIMEDIA NTWK. OF IOWA	Des Moines, IA	515-277-6664	ia-omni.com	MCI	1.544	30	Yes	No	\$19.95	-
Papillion Public Library	Papillion, NE	402-597-2050	papillion.ne.us	Sprint	1.544	18	No	No	\$5.00	4 -

ProLinx Communications Inc	Omaha, NE	402-341-2810	nfinity.com	MCI	1.544	120	Yes	Yes	\$16.67	-	-	-	-
Probe Technology Internet Services	Omaha, NE	402-593-9800	probe.net	MCI	1.544	192	Yes	No	\$19.95	-	-	-	-
The Online Pitstop	Bellevue, NE	402-291-1542	top.net	Sprint/DIGEX	3.088	222	Yes	Yes	\$7.50	40	\$0.14	-	-
The Raccoon River Net Works	Des Moines, IA	515-282-9190	raccoon.com	MAE West	3.088	24	Yes	No	\$25.00	-	-	-	-
Visionary Systems, Ltd.	Des Moines, IA	515-288-5717	visionary.com	MCI	1.544	12	No	No	\$20.00	-	-	-	-

713 Area Code ♦ TEXAS

Access Communications Inc	Houston, TX	713-462-4222	accesscomm.net	MCI	1.544	322	Yes	Yes	\$19.95	-	-	-	-
Access Internet Unlimited	Houston, TX	713-524-4638	aiu.net	MCI	1.544	24	No	No	\$19.95	-	-	-	-
ArgoNet, Inc.	Houston, TX	713-680-9912	argohouston.com	MCI	1.544	.1999E+11	No	Yes	\$17.00	-	-	-	-
Auto/Link Online	Houston, TX	713-973-1008	alink.accesscomm.net	MCI	1.544	54	No	Yes	\$9.95	-	-	-	-
BW Internet Services	Houston, TX	713-994-3892	bwis.com	BBN	1.544	5	No	No	\$19.95	-	-	-	-
CityScope Net	Pasadena, TX	713-477-6161	cityscope.net	UUNET	1.544	25	Yes	No	\$19.95	-	-	-	-
Compass Net Inc	Houston, TX	713-776-0022	compassnet.com	MCI	1.544	119	No	Yes	\$19.50	-	-	-	-
CyberHouse Corp	Houston, TX	713-850-0955	cyberhouse.net	UUNET	0.099	9999	No	Yes	-	-	-	-	-
DomiNet Network Systems	Houston, TX	713-613-4800	domi.net	CWIX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Electrotex Inc	Houston, TX	713-526-3456	electrotex.com	Sprint	0.099	9999	No	Yes	\$20.95	-	-	-	-
FLEXnet Inc	The Woodlands, TX	713-364-6500	flex.net	MCI	3.088	294	No	Yes	\$29.95	-	-	-	-
FPO.COM Internet Connections	Pasadena, TX	713-944-7472	fpo.com	Sprint	3.088	16	No	No	\$9.95	-	-	-	-
First Internet	Houston, TX	713-963-0712	firstnethou.com	AGIS	1.544	158	No	Yes	\$24.95	-	-	-	-
GlobalNET Corp.	Houston, TX	713-776-1066	gncorp.com	Sprint/MCI	45.000	-	Yes	No	-	-	-	-	-
Harris Direct Technology	Houston, TX	713-782-5000	hdtech.net	UUNET	45.000	92	Yes	Yes	\$17.50	16	\$125.00	-	-
Houston Internet Connect	Houston, TX	713-780-4070	hic.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Hypercon Inc	Houston, TX	713-528-2400	hypercon.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
IWL Net	Friendswood, TX	713-992-4082	iwl.net	UUNET	0.099	9999	No	Yes	\$24.95	-	-	-	-
Information Broker Systems	Houston, TX	713-840-7812	brokersys.com	UUNET	1.544	70	No	Yes	\$18.48	-	-	-	-
Insync Internet Services Inc	Houston, TX	713-407-7000	insync.net	UUNET/MCI/Sprint/BBN	45.000	495	Yes	Yes	\$29.95	-	-	-	-
Internet Access Houston	Houston, TX	713-526-3425	iah.com	UUNET	0.099	9999	No	Yes	\$30.00	-	-	-	-
Mediawest Online	Houston, TX	713-223-9378	mediawest.com	UUNET	1.544	-	Yes	No	-	-	-	-	-
MicroData Systems Inc	Houston, TX	713-660-9771	microdat.com	UUNET	0.099	-	Yes	No	-	-	-	-	-
NeoSoft Inc	Houston, TX	713-968-5800	neosoft.com	MCI	0.099	9999	Yes	Yes	\$18.95	-	-	-	-
Net One	Houston, TX	713-688-9111	net1.net	UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Netropolis Communications Corp	Houston, TX	713-977-9779	netropolis.net	UUNET	3.088	198	Yes	Yes	\$19.95	-	-	-	-
Networks On-Line	Houston, TX	713-467-7100	nol.net	MCI	1.544	303	Yes	Yes	\$19.95	-	-	-	-
PDQ.NET INCORPORATED	Houston, TX	713-622-1665	pdq.net	MCI	4.632	1024	Yes	Yes	\$14.95	-	-	14.95	Rock56flex
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-	-	-	-
South Coast Computing Services	Houston, TX	713-917-5000	sccsi.com	UUNET/BBN	4.632	147	Yes	Yes	\$30.00	100	-	-	-
Space City Communications	Houston, TX	713-771-5500	spacecity.com	MCI	3.088	92	Yes	Yes	\$17.95	-	-	-	-
The Internet Service Co	Webster, TX	713-480-4377	iservco.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Wantabe Inc	Houston, TX	713-493-0718	wantabe.com	MCI	45.000	12	No	No	\$30.00	-	-	-	-
WORLD TRADE NETWORK INC	Houston, TX	713-965-0485	wt.net	UUNET	3.088	766	Yes	Yes	\$15.60	-	-	19.95	x2/LucK56flex
4GL Corp	Houston, TX	281-589-8077	4gl.com	AGIS/CRL	0.099	9999	Yes	Yes	-	-	-	-	-
AMT Internet Expo	Houston, TX	281-286-2268	amtexpo.com	MCI	0.099	9999	No	Yes	\$19.95	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Box Networks	Houston, TX	281-480-2684	box.net	MCI	1.544	282	Yes	Yes	\$20.00	-	-	-	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
Comwerx, Inc.	Cypress, TX	281-370-9690	comwerx.net	AGIS	1.544	83	Yes	Yes	\$14.95	24	-	-	-
CypressNet, LLC	Tomball, TX	281-255-8411	cyp.net	MCI	0.128	20	Yes	No	\$20.00	-	-	-	-
Freeseide Communications Inc	Austin, TX	512-458-9810	fc.net	UUNET/MCI/Sprint	12.352	65	Yes	No	\$20.00	60	\$0.50	-	-
GHG Corporation	Houston, TX	281-488-8806	ghgcorp.com	MCI/UUNET	4.632	400	No	Yes	\$19.95	-	-	-	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-
Illuminati Online	Austin, TX	512-462-0999	io.com	Sprint/MCI/UUNET	4.632	294	Yes	Yes	\$18.00	40	\$0.50	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
713 Area Code ♦ TEXAS													
INTERGATE	Houston, TX	281-558-7200	intergate.com	MCI	1.544	96	No	No	\$25.00	-	-	25.00	x2
Internet Connect Services Inc	Victoria, TX	512-572-9987	icsi.net	Sprint	1.544	430	No	Yes	\$24.00	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
NSE Internet Service Inc	Biloxi, MS	601-374-6510	nse.com	MCI	3.088	88	Yes	Yes	\$17.95	-	-	-	-
NeoSoft, Inc.	New Orleans, LA	504-539-9235	no.neosoft.com	MCI	13.440	200	Yes	Yes	\$18.95	-	-	-	-
NetTap Data Services	Webster, TX	281-482-3903	nettap.com	UUNET	0.099	9999	No	No	\$21.25	100	-	-	-
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	-
Omac Group Inc	Houston, TX	281-596-0818	omac.com	CWIX	1.544	5	No	No	\$24.95	-	-	-	-
Onramp Access, Inc	Austin, TX	512-322-9200	onr.com	MCI/Sprint/UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
PMCI Internet Services Group	Houston, TX	281-333-1073	pmci.net	Sprint	1.544	148	Yes	Yes	\$24.95	-	-	-	-
Reallink Inc	Austin, TX	512-338-4824	reallink.com	DIGEX	0.099	9999	No	Yes	\$10.00	-	-	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

714 Area Code ♦ CALIFORNIA

95net Inc	Irvine, CA	714-222-1034	95net.com	AGIS	3.088	83	No	Yes	\$16.95	-	-	-	-
A Def Webserver & Internet Access	Los Angeles, CA	714-575-4400	adefwebserver.com	Sprint	0.256	28	No	No	\$19.95	-	-	-	-
A WebCreators Internet Services	Irvine, CA	714-474-4924	webcreators.com	UUNET	1.544	25	Yes	Yes	-	-	-	-	-
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	18.95	RocK56flex
ARGOTECH BUSINESS SYSTEMS	Irvine, CA	714-261-7511	argonet.net	Sprint/MCI	3.088	100	Yes	Yes	\$25.00	-	-	50.00	x2
ARIEL COMMUNICATIONS GROUP	Rancho Santa Margarita, CA	714-858-1000	ariel.net	AGIS	1.544	72	No	Yes	\$15.95	-	-	19.95	x2
ASYST DATA GROUP	Irvine, CA	714-250-0110	asyst.net	MCI	45.000	41	Yes	Yes	\$15.95	-	-	19.95	x2
Business Access Technologies	Anaheim, CA	714-577-8978	batech.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
CCI Industries Inc	Fullerton, CA	714-738-7270	cci-internet.com	CIX	45.000	300	Yes	Yes	\$14.95	-	-	-	-
CompuAll Inc	Fountain Valley, CA	714-964-2140	compual.com	UUNET	0.099	9999	Yes	No	\$9.99	75	\$1.75	-	-
Cosmoslink Internet Services	Brea, CA	714-577-8593	cosmoslink.net	AGIS	1.544	100	Yes	No	\$19.95	-	-	-	-
CruzNet	Fullerton, CA	714-680-6600	cruznet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Cyber Annex	Laguna Hills, CA	714-470-9440	cyberannex.com	AGIS	3.088	80	Yes	Yes	\$19.95	-	-	-	-
Dana Point Communications	Dana Point, CA	714-443-4172	dpcsys.com	CWIX	1.544	28	Yes	Yes	\$30.00	100	\$1.00	-	-
Delta Internet Services	Anaheim, CA	714-490-2000	delta.net	UUNET	45.000	1800	Yes	Yes	\$19.95	-	-	-	-
EDM Network Inc	Irvine, CA	714-476-0416	edm.net	MCI	0.099	9999	No	Yes	\$18.40	-	-	-	-
First Internet Alliance	San Clemente, CA	714-366-1350	fia.net	AGIS	10.000	303	No	Yes	\$18.95	-	-	-	-
GLOBAL INTERNET	Orange, CA	714-937-5500	globalpac.com	AGIS/ATMnet/UUNET	12.352	1175	Yes	Yes	\$13.99	-	-	13.99	RocK56flex
Imagine-NET Internet Services	Santa Ana, CA	714-545-4932	imagine-net.com	CIX	0.099	9999	Yes	No	\$19.95	-	-	-	-
Innovative Dimensions Online	Huntington Beach, CA	714-436-1900	ido.net	AGIS	0.099	9999	No	No	\$14.95	-	-	39.95	-
InteleNet Communications Inc	Irvine, CA	714-851-8250	intelenet.net	Sprint/MCI/BBN	45.000	250	Yes	Yes	-	-	-	-	-
Internet Business Services Inc	Anaheim, CA	714-635-9777	4ibs.com	CWIX	15.632	23	Yes	Yes	-	-	-	-	-
Internet of Orange County	Anaheim, CA	714-530-4254	ioc.net	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-
Kaiwan Corp	Irvine, CA	714-260-8888	kaiwan.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Klever Group, Inc.	Los Angeles, CA	714-899-2865	klever.net	Genuity	45.000	100	No	No	\$18.95	-	-	-	-
LOL Media / Eden BBS	Newport Beach, CA	714-548-7598	edenbbs.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-
MEDICINE ONLINE INC.	Huntington Beach, CA	714-848-0444	mol.net	MCI/UUNET	4.632	20	Yes	No	-	-	-	50.00	x2

NET999	Huntington Beach, CA	714-847-1906	net999.com	ATMnet	1.544	100	No	No	\$9.99	-	-	-	-
NETouch Communications, Inc.	Irvine, CA	714-789-9170	netouch.net	AGIS	45.000	230	Yes	Yes	-	-	-	-	-
Nayzak Communications	Anaheim, CA	714-520-8384	nayzak.com	MCI	1.544	300	Yes	No	\$14.95	-	-	-	-
NetQuest	Westminster, CA	714-379-8228	net-quest.com	MCI	1.544	42	No	No	\$20.00	-	-	-	-
NETSTAR COMMUN. & INTERNET	Lake Forest, CA	714-581-1111	net-star.net	MAE West	0.099	9999	Yes	No	\$19.95	-	-	19.95	x2
Netus, Inc.	Orange, CA	714-288-9598	netus.com	AGIS/DIGEX/MCI	45.000	17	Yes	Yes	\$150.00	-	-	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5	\$2.00	-	-
ORANGE COUNTY WEB	Orange, CA	714-516-3000	ocweb.com	CRL	1.544	105	No	Yes	\$19.95	-	-	-	-
Orange County Online	Garden Grove, CA	714-899-6018	oco.net	CWIX	1.544	16	No	No	\$15.95	-	-	-	-
Pacific Business Systems	Laguna Hills, CA	714-452-9110	pbs1.com	CRL	1.544	36	Yes	Yes	\$19.95	-	-	-	-
Paradomain Corp	Fullerton, CA	714-449-9408	pdc.net	MCI	0.099	9999	No	No	\$18.95	-	-	-	-
QuickNet - ICG Inc	Newport Beach, CA	714-852-2100	quick.net	AGIS	45.000	512	Yes	No	\$20.00	-	-	-	-
Shults Dot Com	Mission Viejo, CA	714-768-2609	shults.com	UUNET	0.768	53	Yes	Yes	\$19.95	40	\$1.00	-	-
SkyTier Networks LLC	Anaheim, CA	714-701-1310	skytier.net	MCI	1.544	36	Yes	Yes	\$15.95	-	-	-	-
SouthWest Nineteen Networks	Anaheim, CA	714-991-1919	snri.com	CRL	1.544	142	No	Yes	\$20.00	-	-	-	-
Southland Internet Services	Fullerton, CA	714-441-3000	southland.net	MCI	1.544	30	No	No	\$20.00	-	-	-	-
SpeedGate Communications Inc	Laguna Hills, CA	714-597-2250	speed.net	Sprint	0.099	9999	No	Yes	\$9.00	5	\$2.00	-	-
StarLink	Orange, CA	714-782-0515	starlinknet.net	Sprint	0.099	9999	Yes	No	\$19.50	-	-	-	-
TiOcom	Laguna Niguel, CA	714-348-2957	tio.com	MCI	1.544	240	Yes	Yes	\$20.00	-	-	-	-
Tea-House of the Net	Anaheim, CA	714-781-2300	tea-house.com	Sprint	3.088	20	No	No	\$25.00	-	-	-	-
Thirdwave Information Services	Santa Ana, CA	714-751-7614	lax.thirdwave.net	MCI	3.088	28	Yes	Yes	\$24.00	300	\$1.00	-	-
VINET COMMUNICATIONS, INC.	Westminster, CA	714-418-0899	vinet.com	CRL	1.544	192	No	No	\$16.95	-	-	24.95	x2
WARENET	Mission Viejo, CA	714-348-3295	ware.net	MCI	45.000	106	Yes	Yes	\$50.00	-	-	50.00	x2
WEB WORLD INC	Orange, CA	714-639-0595	webworldinc.com	CIX	1.544	35	Yes	No	\$25.00	-	-	-	-
Western DataCom	Orange, CA	714-712-9050	wdc.net	MCI	0.099	9999	No	No	\$9.95	15	\$1.00	-	-
Winteractive Communications	Fountain Valley, CA	714-378-3768	winteractive.com	UUNET	3.088	20	No	No	\$15.00	-	-	-	-
2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95	550	\$2.00	-	-
A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	19.95	RocK56flex
ANET COMMUNICATIONS	Los Angeles, CA	310-659-0122	anet.net	MCI	1.544	180	Yes	Yes	\$16.00	-	-	16.00	x2
AceWeb Network	North Hills, CA	818-891-5941	acweb.net	MCI	0.099	9999	No	Yes	\$8.00	30	-	-	-
American Digital Network Inc	San Diego, CA	619-576-4272	adnc.com	MCI	0.099	9999	No	Yes	\$22.00	60	\$5.00	-	-
Bestlink Inc	Pasadena, CA	818-432-7040	bestlink.net	MCI	0.099	9999	No	Yes	-	-	-	-	-
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-
CONNECTnet Internet Network Svcs	San Diego, CA	619-450-0254	connectnet.com	UUNET/MCI/UUNET	4.500	708	Yes	Yes	\$22.00	200	\$0.45	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
ClubNET, Inc.	Diamond Bar, CA	909-612-5888	clubnet.net	MCI/AGIS	12.088	200	Yes	Yes	\$18.40	-	-	-	-
Connect America	Riverside, CA	909-275-5313	connectamerica.net	AGIS/ATMnet	4.632	600	Yes	Yes	\$15.95	-	-	-	-
Crystalink Communications	Walnut, CA	909-444-2800	crystalink.com	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150	\$1.50	-	-
DigiLink Network Services	Marina del Rey, CA	310-577-9450	digilink.net	MCI	10.000	391	Yes	Yes	-	-	-	-	-
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
DiscoverNet	Redlands, CA	909-335-1209	discover.net	MCI	18.000	1230	Yes	Yes	\$19.95	-	-	-	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
ElectriCiti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-
Flamingo Communications Inc	Torrance, CA	310-320-4886	fcom.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
GENESIS NETWORK	Riverside, CA	909-361-0949	genesissetwork.net	AGIS/UUNET	45.000	252	Yes	Yes	\$15.95	-	-	25.95	RocK56flex
GlassCity Internet, Inc.	Toledo, OH	888-452-7763	glasscity.net	Sprint	3.088	720	Yes	Yes	\$15.95	-	-	-	-
GreenHeart Internet Services	South Pasadena, CA	818-799-9461	greenheart.com	MCI	1.544	100	No	No	\$19.95	-	-	-	-
Higgs America	Van Nuys, CA	818-899-1875	higgs.net	Genuity	45.000	-	Yes	No	-	-	-	-	-
Hotel California BBS	Artesia, CA	310-407-1321	kinzyb.com	MAE West	0.099	9999	No	No	\$25.00	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/RocK56flex
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
714 Area Code ♦ CALIFORNIA													
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	29.95	x2
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	\$29.99	100	\$1.00	-	-
Interline Communication Group	Torrance, CA	310-257-0960	interline.net	BBN	0.099	9999	Yes	Yes	\$19.90	-	-	-	-
Internet & Web Services Corporation	San Diego, CA	619-794-8000	iwsc.com	AGIS	45.000	1728	Yes	Yes	\$14.95	-	-	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	-	-	24.95	x2/RocK56flex/LucK56flex
INTERNET TELEPRESENCE INC	Glendale, CA	818-638-0537	itgateway.com	UUNET	10.000	60	Yes	Yes	\$19.95	-	-	19.95	x2
InternetConnect	Los Angeles, CA	213-637-3485	internetconnect.net	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-
Intonet Inc	Beverly Hills, CA	310-226-8674	intonet.net	CIX	1.544	29	No	Yes	\$19.95	-	-	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/RocK56flex
Jet.Net Internet Services	Chatsworth, CA	818-734-0168	jet.net	MCI	3.088	192	Yes	Yes	-	-	-	-	-
KNet Services	Los Angeles, CA	213-462-1909	k-net.net	UUNET	1.544	106	Yes	Yes	\$19.95	-	-	-	-
KTb INTERNET ONLINE	Glendale, CA	818-240-6600	ktb.net	MCI/AGIS	3.088	208	Yes	Yes	\$15.00	-	-	25.00	x2
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	-	-	9.99	RocK56flex/LucK56flex
Leonardo Internet	Santa Monica, CA	310-395-5500	leonardo.net	MCI	0.099	9999	Yes	Yes	\$18.33	-	-	-	-
Lightside Inc	Covina, CA	818-858-9261	lightside.net	ATMnet	1.544	40	Yes	No	\$19.95	-	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
LinkOnline Network	Los Angeles, CA	213-251-1500	linkonline.net	UUNET	45.000	500	No	Yes	\$19.95	-	-	-	-
Linkline Internet Access Inc	Mira Loma, CA	909-685-2000	linkline.com	AGIS	10.000	182	Yes	Yes	\$14.95	-	-	-	-
Los Nettos	Marina del Rey, CA	310-822-1511	los-nettos.net	MCI	45.000	-	Yes	No	-	-	-	-	-
MJI Corp	Burbank, CA	818-569-4909	type3.net	MCI	1.544	-	Yes	No	-	-	-	-	-
MainNet	Culver City, CA	310-670-9995	mainnet.net	AGIS	1.544	260	Yes	Yes	\$9.99	-	-	-	-
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-	-	-	-
Millenia	Signal Hill, CA	310-986-9785	millenia.com	UUNET	1.544	9	No	Yes	\$20.00	-	-	-	-
MrINTER.NET	Manhattan Beach, CA	310-320-2226	mrinter.net	Sprint	0.099	9999	No	Yes	\$19.50	-	-	-	-
NETCOAST Communications	Burbank, CA	818-563-3200	netcoast.net	AGIS	0.099	9999	Yes	Yes	\$40.00	-	-	-	-
NetSol Technologies	Walnut, CA	909-869-6455	netsol.net	AGIS/PSINet	3.088	150	Yes	No	\$15.00	-	-	-	-
Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-	-	-	-
NodeWarrior NetWorks Inc	Marina del Rey, CA	310-574-5302	nodewarrior.net	MCI	45.000	-	Yes	No	-	-	-	-	-
OmniComm BBS	Lakewood, CA	562-938-9444	ocis.com	DataXchange	1.544	25	No	No	\$18.00	-	-	-	-
OneGlobe.Net	Long Beach, CA	562-495-6400	oneglobe.net	Sprint	1.544	23	No	No	\$19.95	-	-	-	-
ONLY MULTIMEDIA NETWORK	Los Angeles, CA	213-964-4900	only.com	MCI	3.088	740	No	Yes	\$10.00	-	-	49.95	x2
Outwest Network Services Inc	Glendale, CA	818-500-9092	outwest.net	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-
PCS	Norwalk, CA	562-483-6828	cyberpcs.com	AGIS	4.632	288	Yes	No	\$12.95	-	-	-	-
PacLink Communications LLC	Pasadena, CA	818-583-1988	paclink.net	AGIS	45.000	230	Yes	Yes	\$14.95	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
PACIFICNET	Canoga Park, CA	818-717-9500	pacificnet.net	AGIS	10.000	1028	Yes	Yes	\$18.95	-	-	18.95	x2/LucK56flex
Ping Digital Systems	Hacienda Heights, CA	818-968-1480	pingdata.net	DIGEX	1.544	95	Yes	Yes	\$15.95	-	-	-	-
SIMPLY INTERNET	San Diego, CA	619-565-7873	ineworld.net	CRL	1.544	286	No	Yes	\$15.76	-	-	-	-
SmartComm Internet Inc	Cerritos, CA	909-824-9367	scomm.net	AGIS	1.544	58	Yes	Yes	\$19.95	-	-	-	-
SoftAware	Marina del Rey, CA	310-305-0275	softaware.com	GoodNet	45.000	-	Yes	No	-	-	-	-	-
SOUTHWEST INTERNET SRVS.	Covina, CA	818-332-3401	sowest.net	CIX	1.544	144	No	No	\$17.95	-	-	17.95	x2
Star Tech Communications	Diamond Bar, CA	909-396-4225	stbbs.com	AGIS	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
SureNet Corp	Manhattan Beach, CA	310-414-3330	sure.net	MCI	3.080	400	Yes	No	\$19.95	-	-	-	-
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	tcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
TYnet Inc	Marina del Rey, CA	818-991-3591	tynet.com	Sprint	45.000	-	Yes	No	-	-	-	-	-
The Data Depot	Los Angeles, CA	213-663-9127	datadepot.com	Sprint/AGIS	4.632	500	Yes	Yes	\$15.00	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2

The Loop	Los Angeles, CA	213-465-1311	loop.com	CRL	0.099	9999	No	No	\$12.99	-	-	-	-
The Mac Pros	El Segundo, CA	310-726-0555	macpros.com	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.50	-	-
VGS NetMedia Corp	Los Angeles, CA	310-915-6143	vgs.com	MCI	1.544	64	No	Yes	\$14.95	-	-	-	-
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200	\$1.00	-	-
Vivid Internet Production	Walnut, CA	909-595-9988	vividnet.com	AGIS	1.544	300	Yes	No	\$15.00	-	-	-	-
Wincom Internet Services Inc	Los Angeles, CA	213-389-9417	wc.net	MCI	0.099	9999	No	Yes	\$24.00	-	-	-	-

715 Area Code ♦ WISCONSIN

AdQuest Internet Services	Waupaca, WI	715-258-3027	adquest.com	UUNET	1.544	30	No	No	\$24.95	-	-	-	-
CORE Digital Communication Services	Stevens Point, WI	715-342-2673	coredcs.com	Nap.Net	1.544	288	Yes	No	\$21.10	-	-	-	-
CyberZone Inc	Marinette, WI	715-732-1568	cybrzn.com	MCI	3.088	144	No	Yes	\$20.00	-	-	-	-
DATAWAVE TECHNOLOGIES	Wausau, WI	715-834-7823	dwave.net	MCI	1.544	310	Yes	Yes	\$9.95	20	\$1.00	9.95	x2/RocK56flex
DiscoverNet	Eau Claire, WI	715-830-1500	discover-net.net	MCI	1.544	208	Yes	Yes	\$19.95	-	-	-	-
Frontier Communications	New Richmond, WI	715-246-2271	wi.frontiercomm.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Global Gallery	Iola, WI	715-445-2367	gglibbs.com	DataXchange	0.056	48	No	No	\$20.00	-	-	-	-
MariNet Inc	Marinette, WI	715-732-4137	mmet.com	DataXchange	0.056	32	No	No	\$25.00	-	-	-	-
North Coast Internet Services Inc	Ashland, WI	715-682-0180	ncis.net	Sprint	1.544	28	Yes	No	\$6.95	15	\$1.50	-	-
PC Professionals, Inc.	Wausau, WI	715-848-0666	pcpros.net	UUNET	1.544	95	Yes	Yes	\$17.95	-	-	-	-
PressEnter	River Falls, WI	715-426-2100	pressenter.com	UUNET	4.632	300	No	No	\$16.95	-	-	-	-
Rhineland Telecommunications	Rhineland, WI	715-365-0001	newnorth.net	MCI	1.544	176	Yes	No	\$17.95	40	\$1.50	-	-
STARNET INTERNET SERVICES	Eau Claire, WI	715-830-7827	eau.net	Sprint/MCI/BBN	4.632	240	Yes	Yes	\$18.95	-	-	18.95	RocK56flex
T-Net Inc	Auburndale, WI	715-652-3175	tznet.com	MCI	1.544	160	Yes	No	\$9.50	10	\$1.00	-	-
Wood County Telephone Co	Wisconsin Rapids, WI	715-421-8164	wctc.net	MCI	0.099	9999	Yes	No	\$13.95	25	\$1.50	-	-
alpha dot net corp	Milwaukee, WI	414-274-7040	alpha.net	AGIS	45.000	-	Yes	No	-	-	-	-	-
COMPUTERPRO INTERNET	Duluth, MN	218-722-4245	computerpro.com	MCI/Sprint	3.088	214	Yes	Yes	\$19.95	-	-	19.95	x2
Century Telephone of Wisconsin	La Crosse, WI	608-796-5300	centuryinter.net	UUNET	1.544	216	Yes	Yes	\$9.95	10	\$1.95	-	-
Enterprise Communications	Brookfield, WI	414-860-6300	entercom.net	MCI	3.088	48	No	No	\$30.00	100	\$0.25	-	-
FullFeed Communications	Appleton, WI	414-954-0444	atw.fullfeed.com	Sprint	0.099	9999	Yes	Yes	\$20.00	30	-	-	-
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-
MinnNet Communications Inc	Minneapolis, MN	612-944-8660	minn.net	UUNET/AGIS/Sprint	4.632	362	Yes	Yes	\$22.99	-	-	-	-
MINNESOTA ONLINE	Saint Paul, MN	612-225-1110	state.net	Sprint/GoodNet	4.632	732	Yes	Yes	\$19.95	9999	-	19.95	LucK56flex
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-
SkyPoint Communications Inc	Wayzata, MN	612-475-2959	skypoint.com	MCI	3.088	423	Yes	Yes	\$24.95	-	-	-	-
Spacestar Communications	Eden Prairie, MN	612-996-0000	spacestar.net	MCI/Sprint/MCI/Sprint	0.099	9999	Yes	Yes	\$8.95	15	\$1.00	-	-
TCC Communications	Brookfield, WI	414-827-9111	trcaccess.net	UUNET	0.099	9999	No	No	\$29.00	-	-	-	-
TCC Communications	Brookfield, WI	414-390-4457	tcccom.net	MCI/Sprint	45.000	514	Yes	Yes	\$19.95	150	\$1.00	-	-
VisionNet	Milwaukee, WI	414-273-8200	vws.net	DataXchange	1.544	-	Yes	No	-	-	-	-	-
WI RURAL INTERNET	Wautoma, WI	414-787-5307	wirural.net	MCI	3.088	180	Yes	Yes	\$9.99	10	\$1.00	24.99	x2
WiscNet	Madison, WI	608-265-6761	wiscnet.net	Nap.Net	45.000	104	Yes	No	\$15.00	60	\$1.00	-	-

716 Area Code ♦ NEW YORK

Access Global Info Svs Inc	North Tonawanda, NY	716-694-5029	ag.net	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
BLUE MOON ONLINE SYSTEM	Buffalo, NY	716-447-5629	bluemoon.net	AGIS/UUNET	3.088	196	Yes	No	\$10.80	-	-	10.80	x2/LucK56flex
BuffNET	West Seneca, NY	716-825-1300	buffnet.net	Sprint	3.088	360	Yes	No	\$14.95	-	-	-	-
Concept Computers Niagara, Inc./CCNN	Niagara Falls, NY	716-297-4402	ccnn.net	BBN	1.544	50	Yes	No	\$18.95	24	-	-	-
E-ZNET INC	Rochester, NY	716-262-2485	eznet.net	Sprint/MCI	3.088	198	Yes	Yes	\$20.00	-	-	35.00	x2
Franklin Communications Services	Buffalo, NY	716-651-4570	fcs-net.com	Sprint	0.099	9999	No	No	\$16.95	-	-	-	-
LocalNet Corp	Williamsville, NY	716-632-1133	localnet.com	AGIS/Sprint	4.632	350	Yes	No	\$19.95	-	-	-	-
Logical Solutions	Rochester, NY	716-272-7873	lsweb.com	Sprint	1.544	100	No	No	\$18.95	-	-	-	-
METRO LINK ONLINE, INC.	Victor, NY	716-742-2717	metro-online.com	MCI	1.544	108	No	No	\$14.00	-	-	14.00	x2
Metropolis Network	Kenmore, NY	716-447-1102	mn1.com	AGIS	3.088	16	No	No	\$15.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
716 Area Code ♦ NEW YORK													
Multicom-4 Data Services Inc	Rochester, NY	716-442-1669	multicom.org	UUNET	1.544	64	No	No	\$20.00	-	-	-	-
Net Access	Rochester, NY	716-756-5597	netacc.net	MCI/UUNET	3.088	240	Yes	No	\$14.95	-	-	-	-
Netsync	Fredonia, NY	716-672-5100	netsync.net	Sprint	1.544	128	Yes	No	\$18.00	-	-	-	-
PC Expanders Inc	Amherst, NY	716-834-2111	pce.net	MCI	1.544	122	No	Yes	\$17.50	-	-	-	-
Paradox Internet	Buffalo, NY	716-895-1541	paradox.net	MCI	0.099	9999	No	No	\$10.00	-	-	-	-
Prime Communication Systems	Amherst, NY	716-832-9601	primecomm.net	UUNET	1.544	56	No	Yes	\$14.95	-	-	-	-
Rochester Public Access Inc	Rochester, NY	716-242-8880	rpa.net	Sprint	0.099	9999	Yes	No	\$15.00	-	-	-	-
Rochester Telephone Internet	Rochester, NY	716-777-4638	frontiermet.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Servitech	Rochester, NY	716-263-3360	servtech.com	Sprint/MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
STELLAR COMMUNICATIONS INC	Rochester, NY	716-254-4479	stellar1.com	Sprint	1.544	58	No	Yes	\$14.99	100	\$0.50	19.95	x2
The CyberSpace Frontier	Canandaigua, NY	716-554-4519	spacetechn.com	MCI	0.512	40	No	No	\$20.00	-	-	-	-
VivaNET	Rochester, NY	716-475-1610	vivanet.com	MCI	3.088	224	No	Yes	\$20.00	-	-	-	-
WNY Internet Partners	Lewiston, NY	716-754-0048	wnyip.net	Sprint	0.256	16	No	No	\$19.95	-	-	-	-
WEB TECHNOLOGIES, INC.	Amherst, NY	716-694-2700	webt.com	MCI	1.544	96	Yes	No	\$12.95	-	-	12.95	x2
Wizard Communications Systems	Tonawanda, NY	716-743-0091	wzrd.com	MCI	1.544	100	No	No	\$75.00	-	-	-	-
Wyoming County On-Line	Perry, NY	716-237-6225	wycol.com	Sprint	1.544	40	No	No	\$17.50	-	-	-	-
Computer Connection	Ontario, NY	315-524-2103	computer-connection.net	BBN	0.099	9999	No	No	\$18.95	-	-	-	-
CYBERWORKS INC	Richmond, VA	804-553-0003	cybrwks.com	DIGEX/MCI	45.000	135	Yes	Yes	\$14.00	-	-	29.95	Rock56flex
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	-	-	-	-
InterAcess Internet Services	Syracuse, NY	315-432-1926	axess.net	Sprint	1.544	36	Yes	Yes	\$19.95	-	-	-	-
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
NetSite Systems Inc.	East Syracuse, NY	315-446-5555	netsitesys.com	UUNET	3.088	20	Yes	Yes	\$20.00	-	-	-	-
Nysemet	Syracuse, NY	315-453-2912	nysemet.org	Sprint	0.099	9999	No	No	\$25.00	25	\$1.50	-	-
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	-

717 Area Code ♦ PENNSYLVANIA

BLAZENET	York, PA	717-852-4333	blazenet.net	MCI	1.544	3996	Yes	Yes	\$19.95	-	-	19.95	x2/Rock56flex/LucK56flex
Cumberland Technologies Intl	Carlisle, PA	717-249-7270	pa.net	Sprint	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Cumberland Valley Network	South Mountain, PA	717-749-5995	cvn.net	Sprint	3.088	412	No	No	\$19.99	-	-	-	-
Cyber-Quest Online Services	Athens, PA	717-888-3282	cyber-quest.com	MCI	1.544	85	Yes	No	\$20.95	-	-	-	-
CYBERIA COMMUNICATIONS INC	York, PA	717-848-1439	cyberia.com	Sprint	1.544	199	No	No	\$24.95	-	-	24.95	x2
EZONline Internet Services	Camp Hill, PA	717-972-7000	ezonline.com	Sprint	0.099	9999	No	No	\$17.95	-	-	-	-
Endless Mountain CyberSPACE Corp	Tunkhannock, PA	717-836-4560	emcyber.com	Sprint	1.544	16	No	No	\$14.95	-	-	-	-
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	-	-	-	-
Icon Technologies Inc	Mayfield, PA	717-876-2776	icontech.com	MCI	0.099	9999	No	No	\$15.95	-	-	-	-
INET CONNECT	Columbia, PA	717-684-2567	inetconnect.com	Sprint	1.544	60	Yes	Yes	\$25.00	300	\$1.00	65.00	x2/Rock56flex
I-TECH	Harrisburg, PA	717-657-3037	itech.net	MCI	1.544	25	Yes	Yes	\$18.00	-	-	45.00	x2
Keystone Net Services	Carlisle, PA	717-258-4644	kns.net	MCI	0.099	9999	No	No	\$15.00	-	-	-	-
LebaNet Inc	Corwall, PA	717-279-6932	leba.net	UUNET/MCI	0.099	9999	Yes	Yes	\$39.00	-	-	-	-
Microserve Information Systems	Wilkes Barre, PA	717-821-5964	microserve.net	MC/MAE East/MAE West/Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
NFDC Internet Connection	Shrewsbury, PA	717-227-9191	nfdc.net	MCI	1.544	60	No	No	\$19.95	-	-	-	-
Netrax	York, PA	717-848-8800	netrax.net	UUNET	10.000	200	No	No	\$19.95	-	-	-	-
Pen Net	Montoursville, PA	717-368-1577	pennet.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Pennsylvania Online	Harrisburg, PA	717-657-0000	paonline.com	Sprint	3.088	148	No	Yes	\$9.95	50	\$0.50	-	-
Peripherals Plus Technologies Inc	Lancaster, PA	717-397-9752	pptnet.com	BBN	1.544	20	No	No	\$17.95	100	-	-	-
RCN Inc	Princeton, NJ	717-674-4181	starpas.net	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-

Red Rose SuperNet	Ephrata, PA	717-721-3353	redrose.net	Sprint/MCI	4.632	990	Yes	Yes	\$17.95	-	-	-	-
SUNLINK, INC.	Sunbury, PA	717-286-5764	sunlink.net	MCI	1.544	1480	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
The Networks Inc	York, PA	717-849-0600	net-works.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Tri-County INET	Newport, PA	717-567-2020	tricity.net	MCI	1.544	100	No	No	\$15.95	-	-	-	-
Uplink	Williamsport, PA	717-327-8000	csrlink.net	Sprint/BBN/UUNET	4.632	754	Yes	Yes	\$14.95	-	-	-	-
1USA.COM	West Lawn, PA	610-678-2300	1usa.com	DataXchange	1.544	36	No	No	\$18.95	23	-	-	-
Boardwatch Magazine	Littleton, CO	303-973-6038	domain.com	Sprint	3.088	148	No	Yes	\$9.95	50	\$0.50	-	-
BRANDYWINE.NET	Oxford, PA	610-932-6590	brandywine.net	UUNET	1.544	64	No	Yes	\$19.95	-	-	19.95	LucK56flex
Chester County Internet Svs Inc	Downingtown, PA	610-518-5700	chesco.com	AGIS	3.088	602	No	Yes	\$19.95	-	-	-	-
CLARITY CONNECT INC	Ithaca, NY	607-257-8268	clarityconnect.com	UUNET	45.000	306	Yes	Yes	\$15.30	-	-	15.30	x2
Custom Computer Solutions	Endwell, NY	607-748-4576	ccsis.com	DataXchange	0.056	14	No	No	\$15.00	10	\$2.00	-	-
CYCOM COMMUNICATIONS CORP	Naperville, IL	630-961-1234	cyc.com.net	CIX/UUNET	4.632	200	Yes	No	\$19.95	-	-	19.95	x2
Data Matrix, Incorporated	West Chester, PA	610-701-5814	dmatrix.com	Netcom	3.088	-	Yes	No	-	-	-	-	-
EARLY ACCESS	Kutztown, PA	610-683-8901	early.com	MCI/UUNET	9.000	1972	Yes	Yes	\$9.95	-	-	13.95	x2/Rock56flex/LucK56flex
EarthStation Inter.net	King of Prussia, PA	610-962-1010	earthstation.net	Sprint	45.000	-	Yes	No	-	-	-	-	-
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99	-	-	35.00	x2
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
LibertyNet	Philadelphia, PA	215-387-6440	libertynet.org	MCI	1.544	1200	No	No	\$19.95	-	-	-	-
PREPnet	Pittsburgh, PA	412-268-7870	prep.net	MCI	45.000	-	Yes	No	-	-	-	-	-
ProLog	Palmerton, PA	610-826-6130	pld.net	ANS/UUNET	44.776	2477	Yes	Yes	\$19.95	-	-	-	-
Spectra Net	Johnson City, NY	607-798-7300	spectra.net	UUNET	3.088	255	Yes	Yes	\$19.95	-	-	-	-
The CyberSpace Frontier	Canandaigua, NY	716-554-4519	spacetechnet.com	MCI	0.512	40	No	No	\$20.00	-	-	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-	-	-	-
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-

718 Area Code ♦ NEW YORK

ASANet Internet Service	College Point, NY	718-539-2362	asan.com	BBN	1.544	200	No	No	\$16.95	-	-	-	-
Abest Network Services Inc	Flushing, NY	718-651-5010	abest.com	MCI	1.544	114	Yes	Yes	\$24.95	-	-	-	-
BrainLINK International	Richmond Hill, NY	718-805-6559	brainlink.com	Sprint	1.544	55	Yes	Yes	\$20.00	-	-	-	-
CIPHERS NETWORK INC.	Brooklyn, NY	718-342-8171	ciphersnet.com	MCI	1.544	192	No	No	\$10.00	5	\$3.00	10.00	Rock56flex
Connect2 Internet Networks, INC	Staten Island, NY	718-447-2600	con2.com	UUNET	3.088	310	No	Yes	\$18.95	-	-	-	-
Conquer Network	New York, NY	718-940-0792	conquer.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
CYBERNET DYNAMICS, INC.	Mamaroneck, NY	718-319-8821	cnd.net	UUNET	45.000	260	Yes	Yes	\$18.00	-	-	30.00	Rock56flex
Dorsai Embassy	Long Island City, NY	718-392-3667	dorsai.org	AGIS/Sprint	0.099	9999	No	No	\$10.42	120	-	-	-
FSX Network Communications Corp	Staten Island, NY	718-815-2251	fsxnet.com	UUNET	1.544	15	No	No	\$16.95	-	-	-	-



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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADTL.	MONTHLY	ARCHITECTURE
718 Area Code ♦ NEW YORK													
IQ Internet Services	Bellerose, NY	718-831-2650	nyiq.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Icom Inc	Flushing, NY	718-460-3100	icomkorea.com	BBN	1.544	35	No	Yes	\$18.00	-	-	-	-
KeyBoard Palace Online	Little Neck, NY	718-423-6741	kbp.com	Sprint	0.056	20	No	No	\$5.00	-	-	-	-
MFT International	Flushing, NY	718-762-9519	mft.com	UUNET	0.099	9999	No	Yes	\$16.00	180	\$1.00	-	-
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50	-	-	9.50	RocK56flex
NEW WORLD DATA CORP	Brooklyn, NY	718-962-1725	nwdc.com	UUNET/Sprint/MCI	6.176	236	Yes	Yes	\$15.00	-	-	24.95	x2
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	-
Peakaccess	Staten Island, NY	718-370-3360	peakaccess.net	CIX	0.099	9999	No	Yes	\$15.95	-	-	-	-
Planet Earth Communications	Staten Island, NY	718-720-4374	earthcom.net	MCI	3.088	135	Yes	Yes	\$12.95	-	-	-	-
Pure Source	Brooklyn, NY	718-922-1371	puresource.com	DIGEX	1.544	20	No	No	\$19.95	250	-	-	-
Rapid Ramp Inc	Staten Island, NY	718-967-5713	rapidramp.com	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TNP Online Inc	Richmond Hill, NY	718-850-0727	tnp.com	MCI	3.088	84	Yes	Yes	\$15.00	-	-	-	-
Technology Solutions Int'l.	Forest Hills, NY	718-575-9330	yourweb.net	AGIS/Sprint	4.632	12	Yes	No	\$8.00	90	-	-	-
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00	-	-	35.00	x2
AMERICAN DATANET, INC.	Melville, NY	516-777-7778	americandata.net	UUNET	0.099	9999	Yes	Yes	\$16.95	-	-	16.95	x2
Abt Internet	Great Neck, NY	516-829-5484	abt.net	Sprint	1.544	24	No	No	\$19.95	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afraSPAN.net	Sprint	1.544	8	Yes	No	\$20.00	160	\$1.95	-	-
Akula Communications Corp	New York, NY	212-292-8892	akula.com	MCI	1.544	60	Yes	No	\$19.98	-	-	-	-
Alpha Internet	New York, NY	212-271-4333	an.net	MCI	13.080	192	Yes	No	\$10.00	-	-	-	-
Angel Networks Inc	New York, NY	212-366-0881	angel.net	MCI	0.099	9999	No	Yes	\$30.00	120	\$1.00	-	-
APPLICATION RESRS. INFO SRVS	New York, NY	212-843-2400	way.com	UUNET	10.000	134	Yes	Yes	\$19.95	-	-	29.95	x2
Ascension Internet Services	Hicksville, NY	516-938-7750	ascensionet.com	Sprint	1.544	35	Yes	No	\$19.95	-	-	-	-
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-	-	-	-
Blythe Systems	New York, NY	212-979-0471	blythe.org	UUNET	0.099	9999	No	No	\$21.00	-	-	-	-
CALYX Internet Access Corp	New York, NY	212-292-7325	calyx.net	MCI	3.088	-	Yes	No	-	-	-	-	-
Cloud 9 Consulting Inc	White Plains, NY	914-696-4000	cloud9.net	MCI	1.544	225	No	Yes	\$15.00	-	-	-	-
CREATIVE ON-LINE	Suffern, NY	914-368-2340	creativeonline.com	DIGEX	1.544	55	No	No	\$16.95	-	-	16.95	RocK56flex
CYBERNEX INC	Hackensack, NJ	201-457-3700	cybernex.net	Sprint/UUNET	3.088	1686	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
Digital Telemedia Inc	New York, NY	212-255-4500	dti.net	BBN/UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-
Evolution Online Systems Inc	New York, NY	212-843-5530	evolution.com	UUNET	0.099	9999	No	No	\$25.00	60	\$1.00	-	-
ExecNet	Mount Vernon, NY	914-667-2150	execnet.com	DIGEX	1.544	40	Yes	No	\$19.95	-	-	-	-
GAIN-NY	New York, NY	212-779-8715	gain-ny.com	MCI	1.544	46	No	Yes	\$19.95	-	-	-	-
GCS Computers Inc	New York, NY	212-629-8800	gcsnet.com	Sprint	0.099	9999	No	No	\$24.95	-	-	-	-
Grand Central Networks Inc	Port Washington, NY	516-767-3325	grand-central.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-	-	-	-
HTP Net Inc	Commack, NY	516-864-8500	htp.net	UUNET	0.099	9999	Yes	Yes	\$26.00	-	-	-	-
Hayes Communications Inc	Baldwin, NY	516-546-1589	hayescom.com	Sprint	1.544	30	Yes	No	\$18.00	-	-	-	-
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95	-	-	19.95	x2
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	-
Intercall, Inc.	Lyndhurst, NJ	201-939-2501	intercall.net	Sprint/UUNET/MCI	45.000	345	Yes	No	\$19.00	-	-	-	-
INTERCOM ONLINE INC	New York, NY	212-378-2202	intercom.com	MCI/UUNET	11.544	60	Yes	Yes	\$25.00	150	\$1.00	-	-
Internet Channel	New York, NY	212-243-5200	inch.com	UUNET/Genuity	45.000	300	Yes	No	\$25.00	-	-	-	-
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Internet QuickLink Corp	New York, NY	212-307-9662	quicklink.com	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
INTERPORT COMMUNICATIONS	New York, NY	212-989-1128	interport.net	MCI/Sprint/UUNET/BBN	16.176	854	Yes	Yes	\$25.00	120	\$1.50	25.00	x2
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50	-	-	-	-

LI Net Inc	Smithtown, NY	516-265-0997	li.net	UUNET/BBN	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Lightning Internet Services LLC	Mineola, NY	516-248-8400	lightning.net	AGIS/Sprint/GoodNet	45.000	23	Yes	Yes	-	-	-	-	-
LinkAmerica Communications, Inc.	New York, NY	212-334-0331	link-net.com	MCI	1.544	16	Yes	No	\$25.00	-	-	-	-
Long Island Information Inc	Melville, NY	516-468-3763	liii.com	Sprint	0.099	9999	Yes	No	\$20.00	-	-	-	-
Maestro Technologies Inc	New York, NY	212-293-1655	maestro.com	MCI	11.544	81	Yes	No	\$20.00	720	-	-	-
Metro Online	New York, NY	212-969-8753	nycmetro.com	Sprint	0.099	9999	No	No	\$15.00	-	-	-	-
METROCON COMMUNICATIONS	New York, NY	212-661-6800	metrocon.com	Sprint/MCI	18.528	345	Yes	Yes	\$24.95	-	-	24.95	Rock56flex
Mikayola Intl Comm Network	East Brunswick, NJ	908-651-2001	mikayola.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
NY WEBB INC	New York, NY	212-242-4912	webb.com	MCI	3.088	262	Yes	No	\$16.67	300	-	16.67	x2
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00	-	-	-	-
Network Data Link Inc	Framingham, MA	508-877-7663	ndl.net	UUNET/MCI	3.088	76	Yes	Yes	\$15.00	60	\$1.00	-	-
NEW YORK CONNECT.NET LTD	New York, NY	212-293-2620	nyct.net	UUNET	1.544	128	Yes	No	\$25.00	-	-	35.00	x2
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
North American Internet Service	Centerport, NY	516-757-1880	nais.com	UUNET	0.099	9999	Yes	Yes	\$13.95	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
OKcom	New York, NY	212-219-2193	okcom.net	MCI	1.544	48	Yes	No	\$14.95	-	-	-	-
Octet Media	New York, NY	212-475-6393	octet.com	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-
Optimized Computer Solutions Inc	New York, NY	212-727-2100	ocsny.com	UUNET	1.544	8	Yes	Yes	-	-	-	-	-
OUTERNET INC	New York, NY	212-982-9800	bway.net	AGIS/Sprint/UUNET/MCI	6.176	500	Yes	No	\$25.00	-	-	25.00	x2
Pangaea Communications	New York, NY	212-678-8500	pangaea.net	UUNET	1.544	16	No	No	\$15.00	100	\$0.50	-	-
PLANET POUCH INC..	Lindenhurst, NY	516-956-0032	pouch.com	Sprint	45.000	216	Yes	Yes	\$12.95	-	-	12.95	Rock56flex
Poland.Net	Hasbrouck Heights, NJ	201-393-7090	poland.net	MCI	1.544	50	No	No	\$19.95	-	-	-	-
PRECIPICE, INC.	New York, NY	212-645-7970	precipice.com	UUNET/AGIS	4.588	64	Yes	Yes	\$20.00	-	-	30.00	x2/Rock56flex
Public Access Networks Corp	New York, NY	212-741-4400	panix.com	MCI	45.000	300	Yes	No	\$35.00	-	-	-	-
RealNet	New York, NY	212-964-3560	reallife.com	MCI/UUNET	11.544	1200	Yes	Yes	\$35.00	-	-	-	-
Sky Web Inc	Old Bridge, NJ	908-613-0500	skyweb.net	MCI/UUNET	3.088	170	Yes	Yes	\$19.95	-	-	-	-
Smart Tech Communications	New York, NY	201-418-8181	smartec.com	UUNET	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Spacelab.Net	New York, NY	212-633-7981	spacelab.net	AGIS/MCI/UUNET/DIGEX	45.000	207	Yes	Yes	\$25.00	-	-	-	-
Spec Net Inc	Hicksville, NY	516-735-9679	spec.net	UUNET/MCI	44.664	560	Yes	Yes	\$20.00	-	-	-	-
SPYRALNET LLC	Nyack, NY	914-348-7676	spyral.net	DIGEX	1.600	192	No	Yes	\$19.95	-	-	29.95	x2
SuperLink	Milltown, NJ	908-828-8988	superlink.net	UUNET/Sprint	3.088	600	Yes	No	\$21.95	-	-	-	-
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	-
THE CONNECTION	Jersey City, NJ	201-659-0300	cnct.com	Sprint/UUNET	3.088	126	Yes	No	\$19.50	-	-	19.50	x2
The Invention Factory Inc	New York, NY	212-431-5555	factory.com	Netcom	1.544	69	No	Yes	\$10.00	150	-	-	-
The Soho Internetwork Co	New York, NY	212-962-7646	sohonet.com	UUNET	3.088	12	Yes	No	\$30.00	40	\$1.00	-	-
Thing.net Communications	New York, NY	212-366-9738	thing.net	AGIS	3.088	16	Yes	No	\$20.00	-	-	-	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-



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PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
718 Area Code ♦ NEW YORK													
TopNet Communications	New Rochelle, NY	914-632-5677	topnet.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
Tunanet/Infohouse	New York, NY	212-805-2470	tunanet.com	MCI	3.088	150	Yes	Yes	\$20.00	-	-	-	-
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00	-	-	15.00	x2
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No	-	-	-	-	-
Walrus Internet	New York, NY	212-406-5000	walrus.com	MCI/UUNET	0.099	9999	Yes	Yes	\$35.00	-	-	-	-
WEB EXPRESS INC	Bridgewater, NJ	908-722-2211	webex.net	Sprint	11.544	248	Yes	Yes	\$25.00	-	-	300.00	x2
World Network ISP	Woodbury, NY	516-563-4748	wnis.net	UUNET	0.099	9999	Yes	Yes	\$8.00	200	\$1.00	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
ZONE ONE NETWORKS	New York, NY	212-292-8989	zone.net	MCI/Sprint	45.000	216	Yes	No	\$10.00	-	-	20.00	x2

719 Area Code ♦ COLORADO

CompuNerd Inc	Colorado Springs, CO	719-579-2200	databahn.net	MCI/ANS	45.000	500	Yes	No	\$25.00	35	\$2.00	-	-
Fancy Inter.Net	Colorado Springs, CO	719-576-9200	fi.net	MCI/ANS	6.176	64	Yes	No	\$15.00	-	-	-	-
Internet Express	Colorado Springs, CO	719-592-1240	usa.net	ANS	0.099	9999	No	No	\$39.95	50	\$1.25	-	-
North American Internet, Ltd.	Colorado Springs, CO	719-635-6245	nail.net	MCI	1.544	16	Yes	Yes	-	-	-	-	-
Old Colorado City Communications	Colorado Springs, CO	719-636-2040	oldcolo.com	MCI	0.056	13	No	No	\$25.00	-	-	-	-
PCI SYSTEMS INC	Colorado Springs, CO	719-572-5704	pcsisys.net	UUNET/GoodNet	4.632	408	Yes	Yes	\$19.95	-	-	24.95	x2
Palmer Divide Communications	Monument, CO	719-481-4514	divide.net	MCI	1.544	30	No	No	\$19.95	75	\$2.00	-	-
Royal Internet Services Inc	Canon City, CO	719-275-6858	ris.net	MCI	1.544	30	No	No	\$22.95	-	-	-	-
Rural Internet Access Inc	La Junta, CO	719-384-4045	ruralnet.net	Sprint	3.088	150	Yes	No	\$19.95	15	\$2.25	-	-
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
ADVANCED INSTRUMENTS CORP	Littleton, CO	303-347-8657	ai.com	Sprint/BBN	45.000	168	Yes	No	\$17.95	100	\$0.50	34.95	RocK56flex
Bewell Net	Parker, CO	303-841-2344	bewellnet.com	MCI	1.544	120	No	No	\$14.95	-	-	-	-
DIMENSIONAL COMMUN. LLC	Denver, CO	303-285-4638	dimensional.com	UUNET/GoodNet	3.088	375	Yes	Yes	\$25.00	-	-	25.00	LucK56flex
E.Central	Denver, CO	303-830-0123	ecentral.com	UUNET	1.544	90	No	No	\$7.95	20	\$1.50	-	-
Farmers Online Netowrk	Pleasant View, CO	970-564-1824	fone.net	Sprint	1.544	55	Yes	No	\$14.95	20	\$0.70	-	-
Front Range Internet Inc	Fort Collins, CO	970-224-3668	frii.com	MCI/Sprint	3.088	176	Yes	Yes	\$20.00	-	-	-	-
KDS Internet Services	Grand Island, NE	308-382-5670	kdsi.net	MCI	1.544	140	Yes	No	\$9.95	5	\$0.40	-	-
Phoenix Network	Golden, CO	303-205-3577	phoenix-internet.net	UUNET	1.544	98	Yes	Yes	\$19.20	-	-	-	-
Pioneer Internet	Ulysses, KS	316-356-4638	pld.com	MCI	1.544	250	Yes	No	\$19.95	-	-	-	-
Rocky Mountain Internet Inc	Denver, CO	303-672-0700	rmi.net	MCI/ANS	45.000	485	Yes	No	\$25.00	50	\$2.00	-	-
SUPERNET, INC	Denver, CO	303-296-8202	sni.net	MCI/BBN/Sprint	45.000	851	Yes	Yes	\$24.95	25	\$2.00	24.95	x2
Web Access Inc	Fort Collins, CO	970-221-2555	webaccess.net	Sprint/BBN	4.632	176	Yes	No	\$15.00	-	-	-	-

757 Area Code ♦ VIRGINIA

Cupid's BBS	Norfolk, VA	757-853-0636	cupid.com	MCI	1.544	128	No	No	\$15.00	-	-	-	-
CYBERSTAR TECHNOLOGIES	Virginia Beach, VA	757-420-2356	vabch.com	MAE East	1.544	90	Yes	Yes	\$15.00	-	-	25.00	x2
ESVAnet	Nassawadox, VA	757-442-5865	esva.net	MCI/Sprint	3.088	110	No	No	\$25.00	-	-	-	-
EZDial Inc	Virginia Beach, VA	757-456-0500	ezdial.com	MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
EXIS NET, INC.	Virginia Beach, VA	757-552-1009	exis.net	MAE East	6.176	627	Yes	Yes	\$15.00	130	\$0.34	15.00	x2/LucK56flex
Global Connect Inc	Newport News, VA	757-595-3258	gc.net	MCI	3.088	597	No	No	\$19.95	-	-	-	-
Hampton Roads Online	Yorktown, VA	757-591-5300	hroads.net	Sprint	1.544	38	No	No	\$20.00	-	-	-	-
Hitz Internet Marketing Inc	Virginia Beach, VA	757-518-8555	hitz.com	MCI	1.544	300	No	No	\$20.00	360	-	-	-
Jericho Junction, Ltd	Norfolk, VA	757-455-5512	jericho.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-

LiveNet Inc	Virginia Beach, VA	757-499-9328	livenet.net	MCI	1.544	160	Yes	No	\$19.95	-	-	-	-
NetFX Inc	Hampton, VA	757-726-2200	nfx.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
Pinnacle Online	Virginia Beach, VA	757-490-4509	pinn.net	Sprint	0.099	9999	No	Yes	\$15.00	-	-	-	-
Synergy Consultants, Inc.	Virginia Beach, VA	757-498-0367	syncon.net	UUNET	30.000	57000	No	No	\$25.00	-	-	-	-
Widomaker Communication Services	Williamsburg, VA	757-253-7621	widomaker.com	Sprint	3.088	220	Yes	Yes	\$14.95	-	-	-	-
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
DelMarVa Online	Salisbury, MD	410-749-7898	dmv.com	MCI	3.088	600	No	Yes	\$19.95	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
iTRIBE Inc	Norfolk, VA	804-446-9060	itribe.net	MCI	33.600	642	No	Yes	\$12.95	-	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex

760 Area Code ♦ CALIFORNIA

A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
Alpha and Omega Computers	Yucca Valley, CA	619-369-3024	e-universe.com	MCI	0.064	16	No	No	\$12.00	60	\$0.75	-	-
CONNECTnet Internet Network Svcs	San Diego, CA	619-450-0254	connectnet.com	UUNET/MCI/UUNET	4.500	708	Yes	Yes	\$22.00	200	\$0.45	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150	\$1.50	-	-
FastWave Internet Services	San Diego, CA	619-487-1414	fastwave.net	PSINet	3.088	96	No	Yes	\$19.92	160	\$0.75	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/RocK56flex
RidgeNet	Ridgecrest, CA	619-371-3504	ridgecrest.ca.us	MCI	1.544	244	Yes	No	\$19.95	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2

765 Area Code ♦ INDIANA

Bonwell Globalnet	Brookville, IN	765-647-5745	bonwell.com	BBN	0.056	16	No	No	\$19.96	-	-	-	-
GLOBAL SERVICES	Richmond, IN	765-962-3770	globalsite.net	UUNET	1.544	192	Yes	Yes	\$19.95	-	-	19.95	Rock56flex/LucK56flex
NetLink Communications Inc	W Lafayette, IN	765-463-4724	nlci.com	UUNET	1.544	999	Yes	No	\$25.00	175	\$1.00	-	-
BlueMarble Information Services	Bloomington, IN	812-335-8677	bluemarble.net	MCI	1.544	54	No	No	\$19.50	-	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
IN-MOTION L.L.C.	Zionsville, IN	317-870-5400	in-motion.net	MCI	1.544	238	No	Yes	\$15.00	-	-	15.00	Rock56flex/LucK56flex
Indiana Communications & Systems	Rushville, IN	317-932-2083	comsys.net	Sprint	1.544	52	No	No	\$20.00	120	\$1.00	-	-
infocom, inc.	Richmond, IN	317-935-6294	infocom.com	UUNET	1.544	96	Yes	No	\$20.00	-	-	-	-
Metropolitan Data Networks Ltd	Lafayette, IN	317-449-0539	mdn.com	MCI	1.544	52	Yes	Yes	\$4.95	10	\$1.00	-	-

770 Area Code ♦ GEORGIA

Abraxis Networks Inc	Duluth, GA	770-495-2464	abraxi.com	MCI	1.544	116	No	Yes	\$18.95	-	-	-	-
America.Net	Alpharetta, GA	770-667-7200	america.net	UUNET/MCI	4.632	300	Yes	Yes	\$19.95	-	-	-	-
Applied Innovations Inc	Gainesville, GA	770-538-0000	applied.net	UUNET	1.544	27	No	No	\$19.95	-	-	-	-
Atl-Connect	Atlanta, GA	770-239-1224	atlcon.net	MCI	0.099	9999	No	No	\$17.00	-	-	-	-
ATLANTA ON-LINE INTERNET INC	Marietta, GA	770-955-3000	atlonline.com	MCI	1.544	78	Yes	Yes	\$17.95	-	-	25.00	x2/RocK56flex
BINARYBUS, LTD.	Roswell, GA	770-645-0901	binarybus.com	Sprint	1.544	196	No	Yes	\$14.95	-	-	14.95	RocK56flex
Cyber Connections, Inc.	Lilburn, GA	770-935-0726	cyberatl.net	CWIX	1.544	167	No	Yes	\$17.95	-	-	-	-
DIGITAL SERVICE CONSULTANTS	Atlanta, GA	770-455-9022	dscga.com	BBN/MCI	3.088	184	Yes	Yes	\$18.95	50	\$1.00	24.95	x2
Discovery Communications Inc	Marietta, GA	770-425-5700	discom.net	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
Future Services Inc	Stone Mountain, GA	770-879-7797	atlcom.net	UUNET	1.544	220	No	Yes	\$17.95	-	-	-	-
HKAN ONLINE	Alpharetta, GA	770-663-8091	hkanbbs.com	MCI	3.088	8	No	No	\$5.00	60	-	-	-
INDEX Inc	Woodstock, GA	770-924-8667	index.com	MCI	0.099	9999	No	Yes	\$15.00	120	\$1.50	-	-
InnerX Communications, Inc.	Cartersville, GA	770-386-0098	innerx.net	MCI/DIGEX	4.632	1027	Yes	No	\$19.95	-	-	-	-
Innovative Access, Inc.	Marietta, GA	770-928-9837	iainc.net	BBN	1.544	24	No	No	\$17.50	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
770 Area Code ♦ GEORGIA										
Interlinks Online	Bogart, GA	770-725-0900	ilinks.net	UUNET	0.099	9999	No	No	\$17.95	-
Internet Gateway Communications	Atlanta, GA	770-429-9599	intergate.net	UUNET	1.544	31	Yes	No	\$24.95	-
Internet Now Inc	Stockbridge, GA	770-389-7200	inetnow.net	UUNET	0.099	9999	Yes	Yes	\$19.99	-
Internet Paradise Inc	Atlanta, GA	770-980-0078	paradise.net	MCI	45.000	120	Yes	Yes	\$19.95	-
Multi-User Systems, Inc.	Duluth, GA	770-368-1514	muscle.net	UUNET	0.640	7	No	No	\$9.95	30 \$1.00
NATIONAL NETWORK CORP. (NNC)	Norcross, GA	770-935-5900	nnc.net	MCI	1.544	60	No	Yes	\$19.95	19.95 x2
Navigator Technologies	Norcross, GA	770-447-4911	nav.com	UUNET	0.099	9999	No	Yes	\$19.95	20 \$1.00
NetDepot Inc	Smyrna, GA	770-434-5595	netdepot.com	Sprint	11.544	113	Yes	Yes	\$25.00	-
Radia ISP Systems Inc	Marietta, GA	770-552-6993	radia1.com	CRL	1.544	60	No	No	\$16.95	-
Random Access Inc	Atlanta, GA	770-804-1190	randomc.com	Sprint	1.544	410	No	Yes	\$15.00	-
Solutions Networks/Synergy Online	Smyrna, GA	770-436-5128	synnergy.com	UUNET	1.544	100	No	No	\$14.95	-
Southeastern Internet Services	Snellville, GA	770-978-2221	netime.com	MCI	0.099	9999	No	No	\$16.95	-
TEMPEST NETWORK/LABS	Smyrna, GA	770-319-1741	tempestlabs.net		0.192	5	No	Yes	\$25.00	25.00 x2
USWeb Atlanta	Atlanta, GA	770-451-6675	atlanta.usweb.com	BBN	1.544	-	Yes	No	-	-
VECNET	Norcross, GA	770-300-8990	vec.net	MCI/UUNET	3.088	488	Yes	Yes	\$19.95	19.95 x2
Vivid.Net	Smyrna, GA	770-933-0999	vivid.net	UUNET	10.000	500	Yes	Yes	\$20.99	-
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afraspan.net	Sprint	1.544	8	Yes	No	\$20.00	160 \$1.95
ATHENS ISP	Athens, GA	706-613-0611	athens.net	Sprint	1.544	118	Yes	Yes	\$30.00	30.00 Rock56flex
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-
Cyber-Highway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-
FTL	Stone Mountain, GA	404-292-5560	lightspeed.com	UUNET	0.099	9999	No	No	\$19.95	-
Graphnet	Teaneck, NJ	201-837-5100	globalis.net	UUNET	10.000	-	Yes	No	-	-
Ground Zero Communications, Inc.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	17.95 LucK56flex
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80 \$1.00
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	30.00 x2
Information Architecture	Atlanta, GA	404-816-8806	iarc.net	BBN/MCI	0.099	9999	No	Yes	-	-
Internet Atlanta	Atlanta, GA	404-898-2500	atlanta.com	MAE East/MAE West	45.000	372	Yes	Yes	\$9.95	20 \$1.00
Internet CSRA	Augusta, GA	706-724-1509	csra.net	MCI	0.099	9999	No	Yes	\$20.00	-
Internet Providers Of Florida	Miami, FL	305-273-7978	fla.net	UUNET	45.000	492	Yes	Yes	\$12.50	100
INTERNET SOLUTIONS	Gadsden, AL	205-547-6868	internetpro.net	UUNET/MCI	45.000	180	No	Yes	\$19.95	24.95 x2
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-
Lambda.Net	Atlanta, GA	404-248-9191	lambda.net	Sprint	0.099	9999	No	Yes	\$30.00	-
Lyceum Internet	Atlanta, GA	404-248-1733	lyceum.com	UUNET	1.544	30	Yes	Yes	\$1.00	1 \$1.00
NetRail, Inc	Atlanta, GA	404-522-5400	netrail.net	Netrail	0.099	9999	Yes	Yes	\$19.95	6 \$0.50
NorthEast Georgia Internet Access	Athens, GA	706-546-5787	negia.net	Sprint	1.544	112	Yes	No	\$19.00	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-
Traveller Information Services	Huntsville, AL	205-883-4233	traveller.com	MCI	0.099	9999	Yes	Yes	\$17.95	60 \$0.95

773 Area Code ♦ ILLINOIS

CCSS	Chicago, IL	773-779-2277	ccss.net	MCI/GoodNet	3.088	200	No	Yes	\$15.00	-
CHICAGONET	Carol Stream, IL	773-762-1002	chicagonet.net	GoodNet/MCI	45.000	3408	Yes	Yes	\$9.95	17.95 x2/RocK56flex/LucK56flex
Digital Interplay Inc	Chicago, IL	773-743-9843	digiplay.com	Nap.Net	1.544	10	No	No	\$19.95	100 \$1.00
Electrinet Internet Services	Chicago, IL	773-889-3757	electrinet.com	BBN	1.544	32	No	No	\$19.95	24
EnterAct L.L.C.	Chicago, IL	773-248-8511	enteract.com	MAE West	10.000	472	Yes	Yes	\$5.00	5 \$1.00
FORWARD NETWORK COMMUN.	Chicago, IL	773-395-0023	theforward.net	BBN/Nap.Net	6.176	98	Yes	Yes	\$20.00	25.00 x2
RIPCO COMMUNICATIONS INC	Chicago, IL	773-477-6210	ripco.com	UUNET	1.544	137	Yes	Yes	\$15.00	100.00 LucK56flex
Suba Internet Center	Chicago, IL	773-929-8008	suba.com	MCI	1.544	200	No	No	\$18.00	300

The Planet Group Inc	Chicago, IL	773-772-8333	pg.net	BBN/CIX	3.088	378	Yes	Yes	\$25.00	-	-	45.00	-
ThoughtPort Authority of Chicago	Chicago, IL	773-862-6870	tpa.net	AGIS	1.544	48	Yes	Yes	-	-	-	-	-
USHost Inc	Chicago, IL	773-442-2250	ushost.com	MCI	1.544	20	Yes	Yes	-	-	-	-	-
Always, Inc.	Westmont, IL	630-971-9866	dpliv.com	MCI	0.099	9999	No	Yes	\$15.95	-	-	-	-
AMERICAN COMM & ENT NTWK.	Chicago, IL	312-808-9600	acen.net	BBN	45.000	507	Yes	Yes	\$5.95	-	-	5.95	x2
AMERICAN INTERMAXX	Mc Henry, IL	815-385-7240	imaxx.net	UUNET/MCI	3.088	740	Yes	Yes	\$15.95	-	-	15.95	x2
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Aquila Internet Services	Aurora, IL	630-820-0480	aquila.net	Sprint	1.544	54	Yes	Yes	\$19.95	20	\$2.00	-	-
AXON DATA SYSTEMS	Downers Grove, IL	630-595-5096	axnet.com	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	14.00	x2
BlueMarble Information Services	Bloomington, IN	812-335-8677	bluemarble.net	MCI	1.544	54	No	No	\$19.50	-	-	-	-
CCI	Des Plaines, IL	847-635-5151	net-cci.com	Nap.Net	44.300	32	Yes	No	\$9.95	-	-	-	-
COMPUTERESE INFOR. NTWK.	Hoffman Estates, IL	847-310-1188	cin.net	Sprint/MCI	29.000	2996	Yes	Yes	\$19.95	-	-	29.95	x2/Rock56flex/LucK56flex
DATAFLO INC	Wood Dale, IL	630-860-4578	dataflo.net	MCI	3.088	210	No	Yes	\$20.00	-	-	20.00	x2
EZ Networks, Inc.	Chicago, IL	312-230-9600	eznetinc.net	UUNET	0.099	9999	Yes	No	\$10.95	-	-	10.95	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
InfoRamp Inc	Cicero, IL	708-222-6666	theramp.net	MCI	3.088	650	Yes	Yes	\$19.95	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex
Internet Chicago	Mt Prospect, IL	847-228-1717	icsp.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
MSGNet	Chicago, IL	312-901-4143	msg.net	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240	-	-	-
MEGSINET INC	Chicago, IL	312-245-9015	megsinet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	-	-	14.95	RocK56flex
Millennia Internet	Chicago, IL	312-341-0192	miint.net	UUNET	1.544	132	Yes	Yes	\$20.00	-	-	-	-
Netbyte 2000, Inc.	Summit Argo, IL	708-728-0200	netbyte2000.com	MCI	1.544	10	No	No	\$15.99	-	-	-	-
StarNet Inc	Palatine, IL	847-202-0099	starnetinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-	-	-	-
Synergistic Networks Inc	Elmhurst, IL	630-993-0460	syn.net	Sprint	1.544	48	Yes	Yes	\$20.00	-	-	-	-
Synet Inc	Downers Grove, IL	630-271-1500	synet.net	MCI	1.544	50	Yes	No	\$19.95	-	-	-	x2
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-	-	-	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-
WinkComm	Hoffman Estates, IL	847-310-9465	winkcomm.com	UUNET/MCI	3.088	24	No	Yes	-	-	-	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-	-	-	-
XNet Information Systems	Lisle, IL	630-983-6064	xnet.com	Sprint/MCI/Nap.Net	45.000	400	Yes	Yes	\$20.00	186	-	-	-

787 Area Code ♦ PUERTO RICO

Caribbean Internet Service	San Juan, PR	787-728-3992	caribe.net	Sprint/UUNET	3.088	528	Yes	Yes	\$18.00	-	-	-	-
DATACOM CARIBE INC	San Juan, PR	787-753-1771	coqui.net	MCI	1.544	823	Yes	Yes	\$19.95	-	-	19.95	RocK56flex
eArt Foundation	San Juan, PR	787-721-4069	eart.com	Sprint	1.544	12	Yes	No	\$9.95	-	-	-	-
INTERNET COMMUN. ENVIRN.	San Juan, PR	787-764-1234	icenetworks.net	UUNET	3.088	132	Yes	Yes	\$19.95	-	-	49.95	x2
Matrix Puerto Rico	Carolina, PR	787-768-5490	matrixpr.com	Sprint	45.000	20	No	No	\$15.00	-	-	-	-
TELECOM PLAZA CORP	San Juan, PR	787-763-5829	isla-pr.com	BBN	1.544	128	No	No	\$19.95	-	-	19.95	x2

801 Area Code ♦ UTAH

AXI-NET	Hurricane, UT	801-635-4900	axi.net	MCI	1.544	48	Yes	No	\$19.95	160	\$0.50	22.95	x2
AXXIS Internet Corp	Draper, UT	801-565-1443	axxis.com	Sprint	1.544	42	No	No	\$18.95	-	-	-	-
Apeleon Internet Services	Kaysville, UT	801-497-9931	apeleon.net	MCI	1.544	97	Yes	No	\$16.95	-	-	-	-
ArosNet Inc	Salt Lake City, UT	801-532-2767	aros.net	MCI/UUNET/AGIS	4.632	324	Yes	Yes	\$19.00	-	-	-	-
Bess Internet Services	Brigham City, UT	801-723-3297	favorites.com	Sprint	3.080	96	Yes	No	\$19.95	-	-	-	-
BURGOYNE COMPUTERS INC	Salt Lake City, UT	801-531-2100	burgoyne.net	UUNET	10.000	600	No	No	\$10.00	40	\$0.50	10.00	x2
CacheNET	North Logan, UT	801-753-2199	cache.net	Sprint	1.544	200	No	No	\$19.95	-	\$1.00	-	-
Castlenet	Helper, UT	801-637-3993	castlenet.com	MCI	0.099	9999	No	No	\$22.95	100	\$1.50	-	-
COASTLINK CORP	Salt Lake City, UT	801-532-6212	coastlink.com	UUNET/MCI	11.544	110	Yes	Yes	\$19.95	-	-	19.95	x2
Cyber-Naut	Heber City, UT	801-654-3203	cyber-naut.com	MCI	1.544	30	Yes	No	\$17.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
801 Area Code ♦ UTAH													
Digital Pla.net	Salt Lake City, UT	801-483-2000	digitalpla.net	UUNET	1.544	48	No	No	\$19.00	-	-	-	-
DIRECTELL	Park City, UT	801-647-5838	ditell.com	MCI	1.544	100	Yes	No	\$25.00	34	\$1.75	25.00	x2
DreamPark/TEH Communications	Salt Lake City, UT	801-550-5136	teh.com	Sprint	0.099	9999	No	Yes	\$15.00	-	-	-	-
EagleNet Online	Orem, UT	801-764-9080	enol.com	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
Easilink Internet Access	Vernal, UT	801-781-0812	easilink.com	MCI	0.099	9999	No	No	\$15.00	25	-	-	-
HomeStar Communications	Orem, UT	801-235-9400	homestar.net	UUNET	1.544	32	No	No	\$19.95	-	-	-	-
I-EIGHTY LLC	Farmington, UT	801-451-6666	ieighty.net	MCI/Sprint/UUNET	39.264	48	No	No	\$10.00	-	-	15.00	x2
InfoWest Global Internet Services	St George, UT	801-674-0165	infowest.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
INQUO	Salt Lake City, UT	801-530-7160	inquo.net	Sprint/UUNET/MCI	13.088	292	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
Internet Alliance	West Valley City, UT	801-964-8490	alinc.com	MCI	1.544	32	No	No	\$18.00	-	-	-	-
INTERNET AXCESS SYS. (NXS)	Cedar City, UT	801-865-6387	inxsnct.com	UUNET	0.056	20	No	No	\$12.95	60	\$1.00	12.95	x2
INTERNET CONNECT INC	Salt Lake City, UT	801-364-4059	inconnect.com	MCI	3.088	664	Yes	Yes	\$18.00	-	-	18.00	Rock56flex
INTERNET TECHNOLOGY SYS.	Provo, UT	801-375-6805	itsnet.com	MCI	3.088	432	Yes	Yes	\$19.95	-	-	29.95	x2/Rock56flex/LucK56flex
KONNECTIONS INC	Ogden, UT	801-621-8511	konnections.com	MCI	1.544	103	Yes	No	\$19.00	-	-	19.00	x2
Legacy Communications	Salt Lake City, UT	801-521-2770	lgy.com	Sprint	3.088	137	Yes	No	\$15.00	-	-	-	-
MountainWest Internet	Logan, UT	801-753-4408	mtwest.net	MCI/UUNET	3.088	32	Yes	No	\$24.95	100	\$0.75	-	-
NETConnect	Cedar City, UT	801-865-7032	tcd.net	MCI/Sprint/UUNET	30.000	696	Yes	Yes	\$19.95	-	-	19.95	-
NeboNet Lc	Nephi, UT	801-623-7004	nebonet.com	MCI	0.056	10	No	No	\$19.95	-	-	-	-
OnlineXpress	Logan, UT	801-787-4615	onlineX.net	MCI	1.544	20	Yes	No	\$25.00	-	-	-	-
PCFastNet	Park City, UT	801-649-0986	pcfastnet.com	BBN	45.000	8	No	No	\$19.95	-	-	-	-
Parkcity Net	Park City, UT	801-645-2534	parkcity.net	UUNET	1.544	20	No	No	\$15.00	-	-	-	-
QContinuum	Kaysville, UT	801-451-2007	qcontinuum.com	MCI	0.056	11	No	No	\$15.00	-	-	-	-
Quantum Interlink Internet, Inc	Provo, UT	801-375-9334	qi3.com	Sprint	1.544	104	Yes	No	\$17.95	-	-	-	-
Quik Internet of Salt Lake	Salt Lake City, UT	801-530-0031	slc.quik.com	Sprint/MCI/BBN	4.632	30	No	No	\$19.95	-	-	-	-
Relianet Internet Services	Ogden, UT	801-626-0238	relia.net	MCI/Sprint	1.608	48	Yes	No	\$17.95	-	-	-	-
The Friendly Net	Salt Lake City, UT	801-532-1117	utw.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
The Only Net	Salt Lake City, UT	801-359-6659	theonlynet.com	UUNET	1.544	36	No	No	\$14.00	45	\$0.50	-	-
ThoughtPort Authority of Salt Lake	Salt Lake City, UT	801-359-5971	slcnx1.thoughtport.net	AGIS/MCI	45.000	-	Yes	No	-	-	-	-	-
Vyzynz International Inc	Midvale, UT	801-596-7795	vii.com	UUNET/MCI	3.088	109	Yes	No	\$18.50	-	-	-	-
Wasatch Communications Group	Salt Lake City, UT	801-272-3771	wasatch.com	MCI	1.544	28	Yes	No	\$20.00	-	-	-	-
WEBIT!	Murray, UT	801-281-8881	wipd.com	Sprint	1.544	20	No	No	\$15.00	-	-	15.00	x2
Western On-line Services Inc	Salt Lake City, UT	801-468-0808	wolsi.com	MCI	1.544	96	No	No	\$25.00	-	-	-	-
XMISSION	Salt Lake City, UT	801-539-0852	xmission.com	MCI	10.000	1426	Yes	Yes	\$19.00	-	-	19.00	x2
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50	-	-
Micron Internet Services	Boise, ID	208-368-5400	micron.net	MCI/Sprint	9.264	976	Yes	No	\$19.95	150	\$1.00	-	-
Northlink LLC	Prescott, AZ	520-445-0707	northlink.com	Sprint	1.544	76	Yes	No	\$12.95	360	\$0.95	-	-
PC Internet Resources	Blackfoot, ID	208-785-1404	pcaxcess.net	Sprint	1.544	100	Yes	No	\$20.00	-	-	-	-
RMC Internet Services	Boise, ID	208-336-9200	rmci.net	Sprint	1.544	410	Yes	Yes	\$9.95	10	\$1.00	-	-
Televar Inc	Wenatchee, WA	509-664-9004	televar.com	Sprint	45.000	1500	Yes	No	\$25.00	-	-	-	-
TerraNet Inc	Boston, MA	617-450-9000	terra.net	Sprint/BBN	0.099	9999	Yes	Yes	\$79.00	-	-	-	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-

802 Area Code ♦ VERMONT

Power Shift Computer Services, Inc.	Stowe, VT	802-253-6287	pwshift.com	Sprint	12.800	32	No	No	\$19.95	-	-	-	-
Quest Computer Service	Randolph, VT	802-728-3015	quest-net.com	BBN	1.544	16	No	No	\$20.00	200	\$0.75	-	-
SOVERNIT INC	Bellows Falls, VT	802-463-2111	sover.net	MCI/Sprint/UUNET	7.720	896	Yes	Yes	\$20.00	-	-	20.00	x2
The Connecticut River Network	Wells River, VT	802-757-8003	connriver.net	MCI	0.099	9999	No	Yes	\$9.95	20	\$0.75	-	-

Together Networks	Burlington, VT	802-862-2030	together.net	Sprint	6.176	1125	No	Yes	\$19.95	-	-	-	-
ValleyNet Inc	Norwich, VT	802-649-2162	valley.net	BBN	1.544	115	No	No	\$14.95	100	\$0.50	-	-
Vt Telephone	Springfield, VT	802-885-9002	vermontel.com	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
WebLizard.Com	Northfield, VT	802-485-3193	weblizard.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Berkshire County Network	Adams, MA	413-743-7044	bcn.net	UUNET	1.544	200	Yes	Yes	\$20.00	450	-	-	-
Helicon On-Line	Uniontown, PA	412-439-8805	hhs.net	MCI	4.632	300	No	No	\$19.95	-	-	-	-
Inter-Access of the Berkshires	Pittsfield, MA	413-443-3335	vgemet.net	MCI	1.544	200	Yes	Yes	\$23.00	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
NCIA	Berlin, NH	603-752-1250	ncia.net	BBN	1.544	96	No	No	\$20.00	50	\$0.25	-	-
SEG Network Technologies Inc	Hanover, NH	603-643-5883	seg.net	BBN	45.000	-	Yes	No	-	-	-	-	-
Sugar River Net	Newport, NH	603-863-7840	snet.com	AGIS	0.099	9999	Yes	No	\$25.00	200	\$1.50	-	-
Sugar River Valley OnLine	Newport, NH	603-863-4498	sugar-river.net	UUNET	1.544	40	No	No	\$20.00	150	-	-	-
The Destek Group Inc	Nashua, NH	603-594-9630	destek.net	UUNET	0.099	-	Yes	No	-	-	-	-	-
Tumpike Technologies Inc	Lebanon, NH	603-448-1500	tpk.net	BBN	1.544	130	Yes	No	\$20.00	-	-	-	-
Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-

803 Area Code ♦ SOUTH CAROLINA

A World of Difference Inc	Charleston, SC	803-769-4488	awod.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
Beach Net Inc	Little River, SC	803-946-7433	beachside.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
CETLink.Net	Rock Hill, SC	803-327-2754	cetlink.net	MCI/GoodNet	45.000	150	Yes	No	\$19.95	-	-	-	-
CAROLINA CHAT, INC.	North Charleston, SC	803-764-1900	cchat.com	DataXchange	1.544	280	No	Yes	\$10.00	-	-	10.00	RockK56flex
Computronics, Inc. / NetCarolina	Summerville, SC	803-873-2203	netca.com	BBN	1.544	64	No	Yes	\$19.95	-	-	-	-
ConXtion	Columbia, SC	803-772-4044	conxtion.com	MCI	0.099	9999	No	No	\$15.00	10	\$1.50	-	-
Conterra Communications Inc	Columbia, SC	803-733-2993	conterra.com	MCI	3.088	75	Yes	No	\$19.95	150	\$0.25	-	-
FLORENCE BUSINESS NET	Florence, SC	803-673-9400	flosc.net	MCI	3.088	57	No	Yes	\$19.95	-	-	19.95	RockK56flex
HTC Internet Service	Conway, SC	803-365-7873	scoast.net	MCI/Sprint	3.088	257	Yes	No	\$25.00	-	-	-	-
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-
INTERSTAR/HARGRAY TELEPHONE	Hilton Head Island, SC	803-686-5000	hargray.com	MCI/Sprint	3.088	258	Yes	Yes	\$14.95	40	\$1.20	250.00	x2
Interactive Data, Inc.	North Myrtle Beach, SC	803-272-3838	pelican.net	MCI	1.544	31	No	Yes	\$19.95	-	-	-	-
INTERNET CHANNEL INC	Charleston, SC	803-722-7900	internet-channel.net	MCI	1.544	42	No	Yes	\$15.00	120	-	35.00	x2
INTERNET SCESCAPE	Aiken, SC	803-649-0015	scscape.net	Sprint/MCI	3.088	276	Yes	Yes	\$30.00	-	-	30.00	RockK56flex
Internet Services of the Low Country	Beaufort, SC	803-770-1000	islc.net	GridNet	1.544	90	No	No	\$9.95	10	\$1.20	-	-
Internet Technology Services	Charleston, SC	803-556-8324	itech.com	Sprint	1.544	60	Yes	Yes	\$19.95	-	-	-	-
Myrtle Beach Online, Ltd.	Myrtle Beach, SC	803-626-4377	mbonline.net	MCI	1.544	24	Yes	No	\$25.00	-	-	-	-
Net Alley	Kingstree, SC	803-382-8300	net-alley.com	MCI	1.544	8	No	No	\$16.50	-	-	-	-
PEE DEE NET	Florence, SC	803-669-1839	pdn.net	MAE East	45.000	180	Yes	Yes	\$17.00	-	-	17.00	LucK56flex
People Connection	Beaufort, SC	803-521-1120	pconnect.com	BBN	45.000	23	No	No	\$26.25	-	-	-	-
South Carolina SuperNet Inc	Columbia, SC	803-212-4400	scsn.net	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
SOUTHTECH.NET	Florence, SC	803-673-2645	southtech.net	MCI/Sprint	4.632	148	No	Yes	\$19.95	-	-	19.95	x2/RockK56flex
The Netside Network	Irmo, SC	803-732-7757	netside.com	MCI	6.176	475	Yes	Yes	\$20.00	-	-	-	-
The Source, Inc.	N Charleston, SC	803-760-1900	chas-source.com	UUNET	1.544	40	No	No	\$20.00	-	-	-	-
Augusta.Net Inc	Augusta, GA	706-650-8881	augusta.net	Sprint	1.544	52	Yes	No	\$20.00	-	-	-	-
CSRA Internet Services	Martinez, GA	706-868-0707	csranet.com	UUNET	0.099	9999	No	No	\$14.00	50	\$0.28	-	-
Carolina Online	Lumberton, NC	910-618-9790	nconline.com	MCI	1.544	75	Yes	No	\$25.00	-	-	-	-
Emerald Internet Services	Greenwood, SC	864-942-9600	emerald.is.com	MCI	1.544	88	No	No	\$24.95	-	-	-	-
Georgia Business Net	Augusta, GA	706-823-2115	gabn.net	BBN	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Interlan Communications	Raleigh, NC	919-852-0690	ilan.net	CRL/MCI	4.688	20	Yes	Yes	-	-	-	-	-
Internet CSRA	Augusta, GA	706-724-1509	csra.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Interpath	Raleigh, NC	919-890-6300	interpath.net	Sprint	0.099	9999	Yes	Yes	\$29.00	-	-	-	-
NTRnet Systems Inc	Research Triangle Park, NC	919-477-3399	ntnet.net	UUNET/MCI	3.088	300	Yes	Yes	\$14.99	-	-	-	-
Perigee.net	Matthews, NC	704-849-8355	perigee.net	Sprint	0.099	9999	No	No	\$14.95	-	-	-	-
Znet	Augusta, GA	706-828-3860	groupz.net	MCI/Sprint	3.088	123	Yes	Yes	\$19.90	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
804 Area Code ♦ VIRGINIA													
Biznet Internet Services Inc	Richmond, VA	804-755-4885	bznet.com	CWIX	0.099	9999	No	No	\$25.00	100	\$1.95	-	-
Bowling Green Electronics	Bowling Green, VA	804-633-2069	bealenet.com	UUNET	1.544	61	No	No	\$29.95	-	-	-	-
Buggs Island tel. Co-op.	Bracey, VA	804-636-2274	buggs.net	UUNET	1.544	30	No	No	\$24.95	-	-	-	-
COMET	Charlottesville, VA	804-295-2407	comet.net	Sprint/MCI/BBN	4.632	84	No	Yes	\$25.00	-	-	-	-
COMTECH Connections, INC	Petersburg, VA	804-861-9899	techcom.net	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
Commonwealth Technclal Services	Richmond, VA	804-560-0778	cts.richmond.va.us	UUNET	1.544	16	No	No	\$15.00	-	-	-	-
CORNERSTONE NETWORKS	Charlottesville, VA	804-984-5600	cstone.net	DIGEX	1.544	453	Yes	Yes	\$24.95	-	-	24.95	RocK56flex/LucK56flex
CYBERWORKS INC	Richmond, VA	804-553-0003	cybrwks.com	DIGEX/MCI	45.000	135	Yes	Yes	\$14.00	-	-	29.95	RocK56flex
Danville Online Communications	Danville, VA	804-836-7005	dancom.com	AGIS	45.000	16	No	No	\$16.00	-	-	-	-
ESInet	Charlottesville, VA	804-974-7300	esinet.net	UUNET	1.544	96	Yes	Yes	\$25.00	-	-	-	-
FreedomNet	Richmond, VA	804-320-0800	freedomnet.com	MCI	1.544	64	No	No	\$17.95	-	-	-	-
Gamewood Data Systems Inc	Danville, VA	804-799-4611	gamewood.net	Sprint	1.544	232	Yes	Yes	\$20.00	-	-	-	-
Global Web Solutions, Inc.	Richmond, VA	804-780-0184	gwsinc.com	DIGEX	1.544	10	No	No	\$12.00	6	\$1.95	-	-
Halifax.Com Inc	Halifax, VA	804-572-5240	halifax.com	MCI	1.544	45	Yes	No	\$25.00	240	\$1.00	-	-
I2020	Richmond, VA	804-649-1800	i2020.net	MCI	10.000	1600	Yes	Yes	\$20.00	-	-	-	-
In Mind Inc	Forest, VA	804-385-4087	inmind.com	UUNET	1.544	128	No	Yes	\$19.95	-	-	-	-
Internet Connections LC	Virginia Beach, VA	804-498-4252	iclc.net	MCI	0.099	9999	No	No	\$9.95	10	\$1.95	-	-
iTRIBE Inc	Norfolk, VA	804-446-9060	itribe.net	MCI	33.600	642	No	Yes	\$12.95	-	-	-	-
Lake Country Online	Boydton, VA	804-738-6921	kerrlake.com	DataXchange	1.544	20	No	No	\$24.95	-	-	-	-
lynchburg.net	Lynchburg, VA	804-237-2657	lynchburg.net	UUNET	1.544	52	No	Yes	\$18.95	-	-	-	-
MoonStar bbs	Prospect, VA	804-392-1770	moonstar.com	UUNET	1.544	22	No	No	\$35.00	75	\$0.60	-	-
Northern Neck Networks	Colonial Beach, VA	804-224-5058	3n.net	BBN	1.544	48	No	No	\$24.95	-	-	-	-
Saga Systems	Chester, VA	804-520-4270	firstsaga.com	MCI	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Tri-Cities Network	Chesterfield, VA	804-863-0142	tricities.net	UUNET	1.544	30	Yes	No	\$19.00	-	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
CFW Communications	Waynesboro, VA	540-946-2638	cfw.com	MCI/UUNET	0.099	9999	Yes	No	\$14.95	15	\$1.00	-	-
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-	-
CYBERSTAR TECHNOLOGIES	Virginia Beach, VA	757-420-2356	vabch.com	MAE East	1.544	90	Yes	Yes	\$15.00	-	-	25.00	x2
digitalNATION Inc	Alexandria, VA	703-642-2800	dn.net	AGIS/MAE East/Sprint/MCI	23.088	250	Yes	No	\$12.50	-	-	-	-
ESVAnet	Nassawadox, VA	757-442-5865	esva.net	MCI/Sprint	3.088	110	No	No	\$25.00	-	-	-	-
EZDial Inc	Virginia Beach, VA	757-456-0500	ezdial.com	MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
EXIS NET, INC.	Virginia Beach, VA	757-552-1009	exis.net	MAE East	6.176	627	Yes	Yes	\$15.00	130	\$0.34	15.00	x2/LucK56flex
EZY.NET CORPORATION	Salisbury, MD	410-742-1610	ezy.net	MAE East/MCI/AGIS/Sprint	40.000	926	Yes	Yes	\$18.00	-	-	18.00	RocK56flex/LucK56flex
FUTUREWAVE INTERNET SRVS.	Lynchburg, VA	540-796-4186	futurewave.net	BBN	1.544	92	Yes	Yes	\$18.95	-	-	18.95	x2
Global Connect Inc	Newport News, VA	757-595-3258	gc.net	MCI	3.088	597	No	No	\$19.95	-	-	-	-
Jericho Junction, Ltd	Norfolk, VA	757-455-5512	jericho.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-
Monumental Network Systems	Chantilly, VA	703-631-3600	monumental.com	MCI/UUNET/CWIX/Nap.Net	6.176	1050	Yes	Yes	\$20.00	-	-	-	-
NetFX Inc	Hampton, VA	757-726-2200	nfx.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
Pinnacle Online	Virginia Beach, VA	757-490-4509	pinn.net	Sprint	0.099	9999	No	Yes	\$15.00	-	-	-	-
The 3rd Door Inc	Roanoke Rapids, NC	919-535-2695	3rddoor.com	MCI	1.544	38	No	No	\$19.95	-	-	-	-
US NET INCORPORATED	Silver Spring, MD	301-572-5926	us.net	Sprint/AGIS	7.720	638	Yes	Yes	\$18.95	-	-	18.95	LucK56flex
Virtual Web. Inc.	Fredericksburg, VA	540-785-9421	virtual-web.net	UUNET	7.700	190	No	Yes	\$15.95	24	-	-	-
Widomaker Communication Services	Williamsburg, VA	757-253-7621	widomaker.com	Sprint	3.088	220	Yes	Yes	\$14.95	-	-	-	-

805 Area Code ♦ CALIFORNIA

Advanced Network Solutions	Thousand Oaks, CA	805-446-2219	adnetsol.com	MCI	1.544	55	Yes	Yes	\$25.00	100	\$1.95	-	-
Altair Exchange Corp	Valencia, CA	805-257-6964	altair.net	Sprint	1.544	58	No	Yes	\$19.95	150	-	-	-
Alto Corp	Newbury Park, CA	805-376-9171	altonet.com	UUNET	4.632	355	Yes	Yes	\$20.00	100	-	-	-
Buchanan Software	Lompoc, CA	805-733-0529	calbbs.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
Channel Islands Internet	Ventura, CA	805-658-2652	isle.net	MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Data Services	Palmdale, CA	805-538-2860	netport.com	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-
FIX Net	San Luis Obispo, CA	805-781-6301	fix.net	CRL	1.544	225	No	Yes	\$19.95	-	-	-	-
Fishnet Internet Services Inc	Ventura, CA	805-650-1844	fishnet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Franklin interNet	Westlake Village, CA	805-373-8688	ftel.net	MCI	45.000	1550	Yes	Yes	\$15.00	-	-	-	-
Grapevine Internet Services	Santa Clarita, CA	805-260-2882	thevine.net	Sprint	1.544	64	No	No	\$19.95	-	-	-	-
ICC	Newbury Park, CA	805-498-4320	iccas.com	BBN	1.544	32	Yes	Yes	\$8.00	-	-	-	-
Impulse Internet Services	Santa Barbara, CA	805-692-2345	impulse.net	UUNET	1.544	160	Yes	Yes	\$20.00	-	-	-	-
Innovative Concepts	San Luis Obispo, CA	805-545-9562	in-con.com	Sprint	1.544	8	No	No	\$25.00	-	-	-	-
Instorm Computer Solutions	Ventura, CA	805-644-2670	instorm.net	MCI	0.099	9999	Yes	Yes	\$21.95	-	-	-	-
INTERNET GALAXY	Bakersfield, CA	805-396-3500	igalaxy.net	AGIS	1.544	2058	Yes	Yes	\$19.95	999999	-	25.00	x2
JetLink Systems	Ventura, CA	805-658-3600	jetlink.net	Sprint	1.544	244	Yes	Yes	\$20.00	-	-	-	-
Kern Internet Services	Bakersfield, CA	805-397-4513	kern.com	Sprint	0.099	9999	No	Yes	\$20.00	-	-	-	-
Lancaster Internet	Lancaster, CA	805-723-2700	ptw.com	IBM/GoodNet/MCI	3.600	215	Yes	Yes	\$10.00	15	\$1.00	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
Miranova Systems Inc	San Luis Obispo, CA	805-781-3123	miranova.com	Sprint	0.099	9999	No	Yes	\$100.00	-	-	-	-
Net Connection of Bakersfield	Bakersfield, CA	805-391-0561	netxn.com	BBN	1.544	60	No	No	\$15.95	-	-	-	-
Quantum Networking Solutions Inc	Palmdale, CA	805-538-2028	qnet.com	BBN	0.099	9999	No	Yes	\$21.95	200	\$0.50	-	-
SBnet	Santa Barbara, CA	805-961-0150	sb.net	MCI	1.544	55	No	Yes	\$19.00	-	-	-	-
SLONET Regional Info Access	San Luis Obispo, CA	805-545-5002	slonet.org	Sprint	10.000	48	No	No	\$13.00	-	-	-	-
Silcon Beach Communications	Santa Barbara, CA	805-730-7740	silcom.com	MCI/CRL	4.628	500	Yes	Yes	\$20.00	-	-	-	-
Surfari Internet Provider Services	Grover Beach, CA	805-473-6525	surfari.net	Sprint	0.384	30	No	No	\$17.45	-	-	-	-
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	tcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-	-	-	-
Tehachapi Mountain Internet	Tehachapi, CA	805-822-7803	tminet.com	MCI	0.512	65	No	No	\$25.00	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
UTDS INC.	Lompoc, CA	805-735-4447	utech.net	Sprint	3.088	276	Yes	Yes	\$20.00	-	-	29.95	x2
Universal Access Inc	Santa Barbara, CA	805-730-7775	ua.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
VCNET	Camarillo, CA	805-383-3500	vcnet.com	UUNET	1.544	375	Yes	Yes	\$25.00	120	-	25.00	Luck56flex
VENTURA COUNTY ONLINE	Oxnard, CA	805-981-1228	vcot.net	CIX	1.544	141	Yes	Yes	\$20.00	-	-	30.00	x2
West.Net Communications Inc	Santa Barbara, CA	805-892-2133	west.net	MCI	0.099	9999	Yes	Yes	\$22.00	-	-	-	-
2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95	550	\$2.00	-	-
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	18.95	RocK56flex
AceWeb Network	North Hills, CA	818-891-5941	aceweb.net	MCI	0.099	9999	No	Yes	\$8.00	30	-	-	-
AlphaLink	Westlake Village, CA	818-707-8575	alphalink.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
ASYST DATA GROUP	Irvine, CA	714-250-0110	asyst.net	MCI	45.000	41	Yes	Yes	\$15.95	-	-	19.95	x2
BBS LA	North Hollywood, CA	213-737-8538	bbs-la.com	MCI	0.384	15	Yes	Yes	\$14.95	-	-	-	-
Bare Power Internet Services Inc	Los Angeles, CA	310-235-3500	barepower.net	MCI	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
Cheetah Communications Intl	Duarte, CA	310-694-3254	cheetah.net	AGIS	3.088	8	No	No	\$19.95	-	-	-	-
CompuAll Inc	Fountain Valley, CA	714-964-2140	compuall.com	UUNET	0.099	9999	Yes	No	\$9.99	75	\$1.75	-	-
CompuLearn Business Services	Tarzana, CA	818-344-8434	lacompulearn.com	Sprint	1.544	9	No	Yes	\$12.95	20	\$1.00	-	-
CyberEsc Communications Network	Tarzana, CA	818-776-2391	cyberesc.net	MCI	4.000	192	Yes	Yes	\$17.95	240	\$2.00	-	-
CyberWeb	Chatsworth, CA	818-773-5777	cyberweb1.com	AGIS	0.099	9999	Yes	No	\$19.95	-	-	-	-
DigiLink Network Services	Marina del Rey, CA	310-577-9450	digilink.net	MCI	10.000	391	Yes	Yes	-	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
DirectNet	Los Angeles, CA	213-383-3144	directnet.com	UUNET	1.544	192	Yes	Yes	\$20.00	-	-	-	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
ENTERNET COMMUNICATIONS	Van Nuys, CA	818-778-6990	ecom.net	Sprint	6.176	768	No	Yes	\$19.95	-	-	19.95	x2
Electriciti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
805 Area Code ♦ CALIFORNIA										
GreenHeart Internet Services	South Pasadena, CA	818-799-9461	greenheart.com	MCI	1.544	100	No	No	\$19.95	-
Higgs America	Van Nuys, CA	818-899-1875	higgs.net	Genuity	45.000	-	Yes	No	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	19.95 x2/RocK56flex
Infonet Communications Inc	Fresno, CA	209-446-2360	icinet.net	UUNET	0.099	9999	No	Yes	\$24.95	200 \$1.00
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	29.95 x2
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	\$29.99	100 \$1.00
Interline Communication Group	Torrance, CA	310-257-0960	interline.net	BBN	0.099	9999	Yes	Yes	\$19.90	-
Internet Business Services Inc	Anaheim, CA	714-635-9777	415-646-7000	CWIX	15.632	23	Yes	Yes	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	24.95 x2/RocK56flex/LucK56flex
InternetConnect	Los Angeles, CA	213-637-3485	internetconnect.net	AGIS	0.099	9999	No	No	\$17.95	-
Intifone Telecommunications System	Arcadia, CA	818-446-9176	sgvnet.com	Sprint	0.099	9999	No	No	\$9.95	10 \$1.95
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	109.00 x2/RocK56flex
Jet.Net Internet Services	Chatsworth, CA	818-734-0168	jet.net	MCI	3.088	192	Yes	Yes	-	-
KTB INTERNET ONLINE	Glendale, CA	818-240-6600	ktb.net	MCI/AGIS	3.088	208	Yes	Yes	\$15.00	25.00 x2
Kaiwan Corp	Irvine, CA	714-260-8888	kaiwan.com	Sprint	0.099	9999	No	Yes	\$19.95	-
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	9.99 RocK56flex/LucK56flex
KIWI COMPUTER SERVICES	Riverside, CA	909-274-7800	kiwi.net	MAE West/GoodNet	3.088	270	Yes	Yes	\$12.95	19.95 x2/RocK56flex/LucK56flex
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20 \$1.00
Los Nettos	Marina del Rey, CA	310-822-1511	los-nettos.net	MCI	45.000	-	Yes	No	-	-
MJI Corp	Burbank, CA	818-569-4909	type3.net	MCI	1.544	-	Yes	No	-	-
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-
Netus, Inc.	Orange, CA	714-288-9598	netus.com	AGIS/DIGEX/MCI	45.000	17	Yes	Yes	\$150.00	-
Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-
Network Communications	Los Angeles, CA	310-442-1530	network.net	MCI	1.544	55	No	No	\$19.95	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5 \$2.00
ONLY MULTIMEDIA NETWORK	Los Angeles, CA	213-964-4900	only.com	MCI	3.088	740	No	Yes	\$10.00	49.95 x2
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-
PACIFICNET	Canoga Park, CA	818-717-9500	pacificnet.net	AGIS	10.000	1028	Yes	Yes	\$18.95	18.95 x2/LucK56flex
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	29.95 x2
Saigon Enterprises	Glendale, CA	818-246-0689	saigon.net	MCI	1.544	60	Yes	Yes	\$15.00	25.00
SIBERIA INTERNET ACCESS	Agoura Hills, CA	818-889-1396	siag.com	CRL	1.544	1200	Yes	Yes	\$19.95	100 45.00 x2
Silicon Networking	Van Nuys, CA	818-375-5099	silicon.net	AGIS	0.099	9999	No	Yes	\$18.95	-
SmartLink Communications	Van Nuys, CA	818-781-0856	smartlink.net	Sprint	0.384	142	No	Yes	\$19.95	-
SoftAware	Marina del Rey, CA	310-305-0275	softaware.com	GoodNet	45.000	-	Yes	No	-	-
SureNet Corp	Manhattan Beach, CA	310-414-3330	sure.net	MCI	3.080	400	Yes	No	\$19.95	-
The Data Depot	Los Angeles, CA	213-663-9127	datadepot.com	Sprint/AGIS	4.632	500	Yes	Yes	\$15.00	-
The Loop	Los Angeles, CA	213-465-1311	loop.com	CRL	0.099	9999	No	No	\$12.99	-
VPlus Network Inc	Chatsworth, CA	818-718-4300	vplus.com	AGIS	1.544	10	Yes	No	\$18.50	-
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200 \$1.00
WESTWORLD COMMUNICATIONS	Chatsworth, CA	818-718-4100	westworld.com	IBM/UUNET	45.000	4740	Yes	Yes	\$19.95	29.95 RocK56flex

806 Area Code ♦ TEXAS

ARNET INC	Amarillo, TX	806-355-3539	arn.net	UUNET	6.000	1223	Yes	No	\$16.00	16.00 x2/RocK56flex/LucK56flex
Genesis Net Corp	Amarillo, TX	806-356-7236	genesis.net	MCI/Sprint	3.088	-	Yes	No	-	-
High Plains Internet	Dimmitt, TX	806-647-4005	hiplains.net	UUNET	3.088	32	No	No	\$29.95	-
HUBNET	Lubbock, TX	806-792-4482	hub.ofthe.net	UUNET	3.088	415	Yes	Yes	\$29.95	49.95 RocK56flex

PCN,LP	Pampa, TX	806-665-8501	pan-tex.net	Sprint	0.256	999	No	No	\$30.00	-	-	-	-
Texas Online/Lonestar BBS	Plainview, TX	806-296-1354	lonestarbbs.com	DataXchange	0.099	9999	No	Yes	\$18.00	60	\$1.00	-	-
The Door - Simple Internet Solutions	Lubbock, TX	806-785-3667	door.net	MCI	1.544	64	No	No	\$15.00	-	-	-	-
WEST TEXAS RURAL TELEPHONE	Hereford, TX	806-364-3331	wtrt.net	UUNET	1.544	144	No	No	\$30.00	-	-	30.00	x2
I-NET of New Mexico	Clovis, NM	505-762-5817	3lefties.com	MCI	1.544	150	Yes	No	\$24.99	-	-	-	-
Interactive Satellite Internet Svcs	Rigby, ID	208-745-8552	axcess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
Intercity Oz Inc	Panama City, FL	904-230-8334	interoz.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Internet Global Services Inc	Lewisville, TX	214-221-1335	iglobal.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-

807 Area Code ♦ ONTARIO

Foxnet Communications	Thunder Bay, ON	807-343-0225	foxnet.net	MCI	0.099	9999	Yes	No	\$26.00	-	-	-	-
OnLine Now	Thunder Bay, ON	807-345-5814	oln.com	Sprint	0.056	24	No	No	\$1.99	-	\$0.49	-	-
HookUp Communications	Kelowna, BC	604-763-1176	awinc.com	MCI	0.099	9999	No	No	\$9.95	5	\$3.00	-	-
ONet Networking	Toronto, ON	416-978-4589	onet.on.ca	MCI	3.088	-	Yes	No	-	-	-	-	-
UUNorth International Inc	Willowdale, ON	416-225-8640	north.net	MCI	0.099	9999	Yes	No	\$29.95	100	\$1.00	-	-

808 Area Code ♦ HAWAII

1ST Communication Inc	Laie, HI	808-293-0733	1sc.com	MCI	1.544	20	Yes	No	\$19.95	-	-	-	-
Christian Kingdom Network	Honolulu, HI	808-523-2800	ckn.com	UUNET	0.099	9999	No	No	\$18.95	-	-	-	-
Data Plus Systems	Waipahu, HI	808-678-8989	dps.net	MCI	1.544	20	Yes	No	\$19.95	-	-	-	-
FLEXNET INC	Honolulu, HI	808-539-3790	aloha.com	UUNET/ANS	3.088	552	Yes	Yes	\$24.95	-	-	24.95	Rock56flex
Hawaii Internet Systems	Kaneohe, HI	808-295-3522	hi.net	Sprint	0.256	30	No	No	\$20.00	-	-	-	-
Hawaii Internet Technology	Honolulu, HI	808-592-8200	hits.net	UUNET	1.544	63	Yes	Yes	\$25.00	-	-	-	-
Hawaii Online	Honolulu, HI	808-533-6981	aloha.net	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Hula Net Inc	Honolulu, HI	808-524-7717	hula.net	UUNET	1.544	283	Yes	Yes	\$25.00	-	-	-	-
Inter-Pacific Networks	Hilo, HI	808-935-5550	interpac.net	MCI	4.632	100	Yes	No	\$19.95	-	-	-	-
InterLink Hawaii Inc	Kailua Kona, HI	808-334-4000	ilhawaii.net	UUNET	0.099	9999	Yes	No	\$29.95	-	-	-	-
Interact!	Honolulu, HI	808-396-0894	ohana.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
KAUAI INTERNET	Lihue, HI	808-245-8141	hawaiian.net	MCI	1.544	160	No	No	\$20.00	-	-	35.00	x2/Rock56flex/LucK56flex
LavaNet Inc	Honolulu, HI	808-545-5282	lava.net	ANS	3.088	530	Yes	Yes	\$24.96	-	-	-	-
MAUI GATEWAY	Kihei, HI	808-875-0899	mauigateway.com	MCI	1.544	264	Yes	Yes	\$16.45	-	-	16.45	Rock56flex
MAUI GLOBAL COMMUN.	Kihei, HI	808-875-2535	maui.net	MCI/BBN	3.088	576	Yes	No	\$15.95	-	-	15.95	Rock56flex
Network Engineering Technology	Honolulu, HI	808-536-0900	honolulu.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Oahu Internet	Honolulu, HI	808-527-2000	oahu.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Pacific Information Exchange Inc	Honolulu, HI	808-522-9393	pixi.com	UUNET/ATMnet/MCI	5.144	724	Yes	Yes	\$20.00	-	-	-	-
Progressive Internet Services, Inc.	Honolulu, HI	808-545-5741	progress.net	ANS	0.099	9999	No	No	\$19.95	-	-	-	-
1st Source Inc	San Francisco, CA	415-753-6217	1source.com	MCI/ANS/UUNET	4.632	10	Yes	Yes	-	-	-	-	-
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	18.95	Rock56flex

809 Area Code ♦ CARIBBEAN

COBEX INT'L INC	Saint Thomas, VI	809-776-4800	usvi.net	UUNET/BBN/PSINet	2.184	48	Yes	No	\$29.95	12	\$3.95	250.00	x2
CompuWorks MultiMedia Ltd	Kingston 10,	809-920-0204	colis.com	Sprint	1.544	40	No	No	\$25.00	30	\$1.00	-	-
InfoChannel Ltd	Kingston, JAMAICA	809-978-2960	infochan.com	Sprint	10.000	-	Yes	No	-	-	-	-	-
Jamaica Online	Kingston, JA	809-978-2490	jol.com.jm	Sprint/UUNET	45.000	15	No	No	\$20.00	-	-	-	-
OPUS NETWORKX	Port of Spain,	809-625-5949	opus.co.tt	Sprint	45.000	16	No	No	\$20.00	100	\$0.20	-	-
University Of Puerto Rico	San Juan, PR	809-766-1399	clu.net	MCI	0.099	9999	No	No	\$30.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
809 Area Code ♦ CARIBBEAN													
BIOS Inc	Bridgetwon,	246-435-2467	sunbeach.net	CWIX	0.099	9999	Yes	No	\$32.50	-	-	-	-
Caribbean Internet Service	San Juan, PR	787-728-3992	caribe.net	Sprint/UUNET	3.088	528	Yes	Yes	\$18.00	-	-	-	-
DATA COM CARIBE INC	San Juan, PR	787-753-1771	coqui.net	MCI	1.544	823	Yes	Yes	\$19.95	-	-	19.95	RocK56flex
INTERNET COMMUN. ENVIRN.	San Juan, PR	787-764-1234	icenetworks.net	UUNET	3.088	132	Yes	Yes	\$19.95	-	-	49.95	x2
Kom.Net	Seattle, WA	206-286-5274	kom.net	Sprint	0.099	9999	No	No	\$12.00	-	-	-	-
US Net Incorporated	Silver Spring, MD	301-572-5926	us.net	Sprint/AGIS	7.720	638	Yes	Yes	\$18.95	-	-	18.95	LucK56flex

810 Area Code ♦ MICHIGAN													
123 NET	Chesterfield, MI	810-716-1700	123.net	MCI	10.000	188	Yes	Yes	\$19.95	-	-	19.95	x2
AMERICAN WEBMASTERS, INC.	Saint Clair Shores, MI	810-790-9522	agn.net	AGIS/UUNET	45.000	1095	Yes	No	\$8.95	-	-	8.95	x2
Biznet, L.L.C.	Berkley, MI	810-414-9444	biznet-online.com	UUNET	0.099	9999	No	No	\$12.50	-	-	-	-
CCC.NetAccess	Clinton Township, MI	810-783-0886	c3net.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
CDNET, inc	West Bloomfield, MI	810-851-4370	cdnet.net	AGIS	6.176	50	No	No	\$19.95	-	-	-	-
Cardina Internet Group, Inc.	Lapeer, MI	810-667-8000	cardina.net	CRL	1.544	60	No	No	\$17.50	-	-	-	-
Coast To Coast Telcomm Inc	Clarkston, MI	810-623-6700	coast.net	AGIS	3.088	60	Yes	Yes	\$8.95	10	\$2.00	-	-
Compucon Inc	Port Huron, MI	810-984-3749	compucon-mi.com	UUNET	1.544	40	No	No	\$19.95	-	-	-	-
Computer Networking Services Inc	Sterling Heights, MI	810-939-8292	compnetserv.com	UUNET	3.088	60	Yes	Yes	\$15.00	-	-	-	-
EES Online Services	Rochester, MI	810-651-5300	eesc.com	MCI	0.099	9999	Yes	No	\$20.00	-	-	-	-
EagleQuest Inc	Rochester, MI	810-650-4700	eaglequest.com	AGIS	1.544	68	No	No	\$19.95	150	-	-	-
Evolution Communications, Inc.	Roseville, MI	810-445-1084	eol-online.com	AGIS	1.544	10	No	No	\$15.00	-	-	-	-
Genesee Free-Net	Flint, MI	810-230-9141	genesee.freenet.org	MCI	0.099	9999	No	No	\$2.91	-	-	-	-
GREAT LAKES INTERNET	Croswell, MI	810-679-3395	greatlakes.net	UUNET	3.088	100	Yes	No	\$19.95	80	\$2.00	34.95	x2/RocK56flex
Innovative Data Services	Farmington Hills, MI	810-855-0404	id.net	UUNET/MCI	0.099	9999	Yes	Yes	\$9.95	10	\$4.00	-	-
InterActiVision	Linden, MI	810-735-4334	iavbbs.com	AGIS	0.384	30	No	No	\$15.00	-	-	-	-
INTERNET OPERATIONS CENTER	Southfield, MI	810-204-8888	iocenter.net	AGIS/UUNET	45.000	238	Yes	Yes	\$24.95	150	\$0.90	24.95	x2
Kodenet Inc	Flint, MI	810-341-1474	kode.net	UUNET/AGIS	0.099	9999	Yes	Yes	\$9.95	30	\$0.50	-	-
MICH.COM, INC.	Farmington Hills, MI	810-442-1000	mich.com	MCI	0.768	943	Yes	Yes	\$19.95	80	\$0.60	19.95	RocK56flex/LucK56flex
Michigan Internet Communication Assn	Redford, MI	810-355-1438	mica.net	Sprint	13.544	68	Yes	Yes	\$30.00	-	-	-	-
Msen Inc	Troy, MI	810-740-3400	msen.com	AGIS/UUNET	4.632	520	Yes	Yes	\$17.50	-	-	-	-
NET EXPRESS	New Baltimore, MI	810-949-8011	net-ex.com	Sprint	1.544	105	Yes	Yes	\$14.95	-	-	35.00	x2
NetQuest Communications	Waterford, MI	810-683-6069	netquest.com	UUNET	1.544	50	Yes	No	\$20.00	-	-	-	-
Netrex Inc	Southfield, MI	810-352-9643	netrex.net	AGIS/UUNET	45.000	-	Yes	No	-	-	-	-	-
On-Line Exchange Inc	Saint Clair Shores, MI	810-445-2133	ole.net	MCI	1.544	24	No	Yes	\$13.95	10	\$2.00	-	-
PB COMPUTER SERVICE, INC.	Warren, MI	810-778-3906	pbc.com	BBN	1.544	100	No	Yes	\$15.95	-	-	15.95	x2
Prism On-Line Technologies	Flint, MI	810-767-2812	polt.com	MCI	0.099	9999	No	No	\$12.95	-	-	-	-
RING!OnLine	White Lake, MI	810-698-4659	ring.com	DataXchange	45.000	100	Yes	No	\$16.95	150	\$0.50	-	-
SHUTTERNET	Madison Heights, MI	810-544-2930	shutter.net	AGIS	3.088	68	Yes	Yes	\$40.00	-	-	40.00	x2
SpeedLink	Pontiac, MI	810-334-5492	speedlink.net	AGIS	1.544	30	Yes	No	\$15.50	-	-	-	-
TelSoft Consultants Inc	Farmington Hills, MI	810-865-6500	telsoft.net	MCI	1.544	39	Yes	Yes	\$19.95	-	-	-	-
The (I)ndustry Network, Inc.	Mount Clemens, MI	810-783-2100	industry.net	DIGEX/DIGEX/DIGEX	4.632	108	Yes	No	\$22.95	-	-	-	-
The Internet Ramp	Flint, MI	810-732-7930	tir.com	MCI	0.099	9999	No	No	\$14.95	-	-	-	-
wwwPassport Inc	Sterling Heights, MI	810-795-0600	bignet.net	UUNET	45.000	380	Yes	Yes	\$9.95	-	-	-	-
ACD INTERNET SERVICES	East Lansing, MI	517-333-0900	acd.net	UUNET/MCI	6.176	960	Yes	Yes	\$18.95	-	-	18.95	x2
Advanced Internet Providers Ltd	Ann Arbor, MI	313-662-9000	aipltd.com	CRL	0.099	9999	Yes	Yes	\$17.00	80	\$0.50	-	-
Alliance Network Inc	Grand Rapids, MI	616-774-3010	alliance.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
BENZIE COMMUNICATIONS, INC.	Frankfort, MI	616-882-2000	benzie.com	MCI	3.088	12	No	No	\$20.00	-	-	60.00	x2

Branch Internet Services Inc	Ann Arbor, MI	313-741-4442	branch.net	MCI	0.099	-	Yes	No	-	-	-	-	-	-	-	-
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-	-	-	-
CHRISTOPHER AUDIO CONCEPTS	Howell, MI	517-545-2853	cac.net	MCI	1.544	184	Yes	No	\$15.95	-	-	-	-	19.95	-	x2
CyberZone Inc	Ann Arbor, MI	313-668-2060	cyberzone-inc.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-	-
Freeway Inc	Petoskey, MI	616-347-3175	freeway.net	MCI	3.088	250	Yes	Yes	\$15.00	-	-	-	-	-	-	-
Gateway Online	Taylor, MI	313-291-2666	gatecom.com	MCI	1.544	257	No	Yes	\$19.95	-	-	-	-	-	-	-
GREAT LAKES INTERNET	Westland, MI	313-326-7199	gr-lakes.com	Sprint	1.544	25	No	No	\$24.95	-	-	-	-	24.95	-	x2
HomeTown Newspapers	Howell, MI	517-545-1919	htonline.com	UUNET	1.544	120	No	No	\$19.95	-	-	-	-	-	-	-
I-STAR ONLINE	Oscoda, MI	517-739-7954	i-star.com	BBN	1.544	76	No	No	\$18.95	-	-	-	-	34.95	-	RockK56flex
ICNet	Ann Arbor, MI	313-998-0090	ic.net	MCI	0.099	9999	Yes	Yes	\$29.95	60	\$2.00	-	-	-	-	-
INTERCHANGE INC	Dearborn, MI	313-359-1069	ichange.net	AGIS/UUNET	45.000	8720	Yes	Yes	\$16.50	90	\$1.00	-	-	24.99	-	RockK56flex
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-	-	-	-
INTERNET SERVICES OF MICH.	Howell, MI	517-548-1400	ismi.net	MCI	3.088	419	Yes	Yes	\$19.95	-	-	-	-	19.95	-	x2
Iserv Inc	Grand Rapids, MI	616-281-5254	iserv.net	MCI/UUNET/Sprint	6.176	1072	Yes	Yes	\$9.95	40	\$1.95	-	-	-	-	-
Isthmus Corp	Ann Arbor, MI	313-973-2100	izzy.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-	-	-
Livingston Internet Services	Howell, MI	517-548-0040	livingonline.com	AGIS	45.000	43	No	Yes	\$18.50	-	-	-	-	-	-	-
Managed Network Systems Inc.	Windsor, ON	519-258-2333	mnsi.net	MCI/Sprint	3.088	1217	Yes	Yes	\$24.94	-	-	-	-	-	-	-
Maple Valley Computer Center	Nashville, MI	517-852-1784	mvcc.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-	-	-	-
Merit Network Inc	Ann Arbor, MI	313-764-9430	merit.edu	MCI	45.000	4200	Yes	No	\$10.00	-	-	-	-	-	-	-
Michigan BizServe	Ann Arbor, MI	313-761-8742	bizserve.com	MCI	10.000	330	No	No	\$19.95	40	\$1.00	-	-	-	-	-
Observer & Eccentric Newspapers	Livonia, MI	313-953-2297	oeonline.com	MCI	0.099	9999	No	No	\$15.95	100	\$1.80	-	-	-	-	-
PROVIDE NET	Ypsilanti, MI	313-480-4770	provide.net	ANS	3.088	912	No	No	\$14.95	-	-	-	-	14.95	-	x2
RCNet	Ypsilanti, MI	313-572-0640	rc.net	MCI	3.088	15	No	No	\$8.00	-	-	-	-	-	-	-
RustNet, Inc.	Livonia, MI	313-762-6000	rust.net	UUNET/AGIS	0.099	9999	Yes	Yes	\$14.95	130	\$0.50	-	-	-	-	-
ShiaNet Community Information	Owosso, MI	517-723-5149	shianet.org	MCI	0.099	9999	No	No	\$9.95	30	-	-	-	-	-	-
Sojourn Systems Ltd	Lansing, MI	517-393-2738	sojourn.com	MCI/MCI	3.088	175	Yes	No	\$19.95	-	-	-	-	-	-	-
StarNet Inc	Palatine, IL	847-202-0099	starnetinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-	-	-	-	-	-	-
The Library Network	Wayne, MI	313-326-8910	tin.lib.mi.us	MCI	1.544	4092	No	No	\$10.00	-	-	-	-	-	-	-
VisualNet	Detroit, MI	313-989-0638	visualnet.net	UUNET	1.544	56	Yes	Yes	\$12.95	-	-	-	-	-	-	-
Voyager Information Networks	East Lansing, MI	517-324-8940	voyager.net	MCI/MCI	3.088	1200	Yes	Yes	\$19.95	-	-	-	-	-	-	-
WEBNET INC	Taylor, MI	313-287-0225	webbnet.net	UUNET	45.000	600	Yes	Yes	\$14.95	-	-	-	-	14.95	-	RockK56flex

812 Area Code ♦ INDIANA

APBHN, Inc.	Terre Haute, IN	812-232-2144	hometown.net	MCI	1.544	14	No	No	\$20.00	125	\$1.00	-	-	-	-	-
Aye Net	Jeffersonville, IN	812-280-4000	aye.net	AGIS/UUNET	3.088	600	No	No	\$25.00	-	-	-	-	-	-	-
BlueMarble Information Services	Bloomington, IN	812-335-8677	bluemarble.net	MCI	1.544	54	No	No	\$19.50	-	-	-	-	-	-	-
BLUERIVER NETWORKING SRVS.	Salem, IN	812-883-4259	blueriver.net	Sprint	1.544	208	No	No	\$18.00	-	-	-	-	18.00	-	RockK56flex
Columbus PBX	Columbus, IN	812-372-9244	cpbx.net	MCI	0.099	9999	No	No	\$10.00	5	-	-	-	-	-	-
Compu-Age-Net	Seymour, IN	812-522-5578	compuage.com	AGIS	3.088	32	Yes	No	\$18.95	-	-	-	-	-	-	-
Comsource	Evansville, IN	812-469-0300	comsource.net	Sprint/UUNET	3.088	200	Yes	Yes	\$17.95	-	-	-	-	-	-	-
DYNASTY ONLINE, INC	Evansville, IN	812-452-3200	dynasty.net	UUNET/UUNET	3.088	244	Yes	Yes	\$19.95	-	-	-	-	27.95	-	x2
Evansville Online	Evansville, IN	812-479-1700	evansville.net	Sprint/UUNET	3.088	300	Yes	No	\$16.95	-	-	-	-	-	-	-
FULLnet Inc	Jasper, IN	812-482-3642	fullnet.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-	-
Hoosier Online Systems	Seymour, IN	812-523-3961	hsonline.net	Sprint/UUNET	4.632	275	Yes	No	\$19.95	300	\$3.50	-	-	-	-	-
HoosierNet Inc	Bloomington, IN	812-349-4638	bloomington.in.us	Sprint	1.544	40	Yes	Yes	\$16.00	-	-	-	-	-	-	-
Kiva Networking	Bloomington, IN	812-337-5070	kiva.net	MCI	3.088	280	Yes	No	\$19.95	-	-	-	-	-	-	-
LSI Productions LLC	Bloomington, IN	812-339-5405	lsi.net	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-	-	-	-
New Concept Communications Inc	Linton, IN	812-847-6116	nccl.net	Sprint	1.544	32	No	No	\$24.95	-	-	-	-	-	-	-
Perry-Spencer Communications Inc	Saint Meinrad, IN	812-357-2123	psci.net	Sprint	1.544	180	Yes	No	\$16.67	-	-	-	-	-	-	-
Pinnacle Computer Services	Evansville, IN	812-476-6662	pinncomp.com	MCI	3.088	30	No	No	\$25.00	-	-	-	-	-	-	-
The Louisville Connection	Jeffersonville, IN	812-288-2277	tlc-bbs.com	DataXchange	0.099	9999	No	No	\$4.00	8	-	-	-	-	-	-
ThePoint Internet Services Inc	Sellersburg, IN	812-246-7187	thepoint.net	UUNET/Nap.Net	4.632	210	Yes	Yes	\$20.00	-	-	-	-	-	-	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-	-	-	-
ADEPT COMMUNICATIONS INC	Louisville, KY	502-584-1807	adept.net	BBN	1.544	81	Yes	Yes	\$19.95	300	-	-	-	45.00	-	x2

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
812 Area Code ♦ INDIANA													
Affordable Internet To All	New Whiteland, IN	317-308-6900	ai2a.net	MCI/UUNET	0.099	9999	No	No	\$5.00	120	\$5.00	-	-
CIOE Corp	Lafayette, IN	317-449-4000	cioe.com	Sprint	45.000	425	Yes	No	\$20.00	-	-	-	-
CTD Technologies Inc	West Chester, OH	513-755-2393	ctd.com	Sprint/UUNET	0.099	9999	Yes	Yes	\$19.50	-	-	-	-
Cinci-Net Online	Cincinnati, OH	513-624-6962	cicni.net	MCI	1.544	24	No	No	\$15.00	-	-	-	-
Cincinnati Bell Telephone	Cincinnati, OH	513-565-3873	fuse.net	Sprint	45.000	624	Yes	Yes	\$19.95	-	-	-	-
Cincinnati Computer Connection	Batavia, OH	513-752-1533	ccc-bbs.com	Sprint	0.099	9999	No	No	\$15.00	6	-	-	-
Eclipse America Corp	Indianapolis, IN	317-580-0658	epower.net	UUNET/Sprint	3.088	-	Yes	No	-	-	-	-	-
GETtheNET, Inc.	Louisville, KY	502-585-4638	sitesonthe.net	UUNET	1.544	50	Yes	No	\$25.00	-	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
IgLou Internet Service	Louisville, KY	502-966-3848	iglou.com	UUNET/MCI	4.632	300	No	No	\$19.95	-	-	-	-
IndyNet	Indianapolis, IN	317-251-5208	indy.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$15.00	-	-	-	-
Internet Access Cincinnati	Cincinnati, OH	513-333-0033	iac.net	MCI	1.544	110	Yes	Yes	\$25.00	150	\$0.25	-	-
KA.net Internet Services	Louisville, KY	502-493-0447	ka.net	MCI	1.544	310	No	Yes	\$19.95	-	-	-	-
Marketing Power Network	Cincinnati, OH	513-381-7873	mpowernet.com	MCI	1.544	162	Yes	Yes	\$15.95	-	-	-	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-	-	-	-
Mikrotec Internet Services Inc	Lexington, KY	606-225-1488	mis.net	MCI/BBN	6.176	600	Yes	No	\$17.95	-	-	-	-
OneNet Communications	Cincinnati, OH	513-326-6000	one.net	UUNET	45.000	1300	Yes	Yes	\$16.95	-	-	-	-
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25	\$1.00	35.00	x2/RocK56flex
Space Age Electronics Inc	Kokomo, IN	317-453-7137	netusa1.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-

813 Area Code ♦ FLORIDA

Aberation.com	Tampa, FL	813-920-1315	aberation.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
All World Network Inc	Tampa, FL	813-988-7772	allworld.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
BayLink Online Services, Inc.	Tampa, FL	813-973-7444	baylink.net	UUNET	0.560	8	No	No	\$20.00	-	-	-	-
CPEQ Inc	Brandon, FL	813-685-3740	cpeq.com	Sprint	1.544	20	No	No	\$25.00	-	-	-	-
Centurion Technologies	Largo, FL	813-538-1919	cent.com	MCI	1.544	60	No	No	\$19.95	-	-	-	-
CITICOM COMMUNICATION SVCS.	New Port Richey, FL	813-842-5783	citicom.com	Sprint	1.544	80	No	Yes	\$20.00	100	\$0.20	34.95	Rock56flex
ComBase Communications	Brandon, FL	813-681-9020	combase.com	GoodNet	45.000	52	Yes	Yes	\$19.95	-	-	-	-
Couvade Underground	Dunedin, FL	813-340-9055	couvade.com	UUNET	1.544	12	No	Yes	-	-	-	-	-
Creative Friendly Tech Inc	Tampa, FL	813-980-1317	cftnet.com	BBN	0.099	9999	Yes	No	\$10.00	90	-	-	-
infoNet Bulletin Board Sys Inc	Pinellas Park, FL	813-546-5771	infousa.com	Sprint	1.544	30	Yes	No	\$20.00	-	-	-	-
Intelligence Network Online Inc	Clearwater, FL	813-442-0114	intnet.net	Sprint	1.544	260	Yes	Yes	\$21.00	-	-	-	-
INTERACCESS CORP	Tampa, FL	813-254-9435	interaccess.net	MCI	3.088	106	Yes	Yes	\$19.95	-	-	-	-
Internet Integration Inc	Apollo Beach, FL	813-633-9555	icubed.net	MCI	1.544	96	No	Yes	\$15.95	-	-	-	-
INTERNET JUNCTION	Dunedin, FL	813-855-7793	ij.net	UUNET	3.088	820	Yes	Yes	\$9.95	-	-	-	-
Internet Media Services	Hudson, FL	813-869-6779	imsweb.net	UUNET	0.099	9999	No	Yes	\$22.00	99	-	-	-
Internet Network Corp	Port Richey, FL	813-842-4444	innet.com	UUNET/ANS	0.099	9999	No	No	\$20.00	80	\$1.00	-	-
KCI Internet Inc	Oldsmar, FL	813-855-4453	kcii.com	MCI	1.544	32	No	No	\$19.95	-	-	-	-
Lightning Link Communications	Clearwater, FL	813-562-0041	llc.net	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
LogicNet	Tampa, FL	813-988-7001	logic-net.com	UUNET	1.544	32	No	No	\$19.95	-	-	-	-
Marlowe & Associates	New Port Richey, FL	813-845-0893	sanctum.com	Sprint	1.544	44	No	No	\$20.00	100	\$1.00	-	-
Net Connect	Largo, FL	813-545-5684	flanet.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
OASIS TECHNOLOGIES	Tampa, FL	813-251-6525	oasistech.com	MCI/Sprint	4.632	207	Yes	Yes	\$19.95	-	-	49.95	Rock56flex
Packetworks	Clearwater, FL	813-446-8826	packet.net	Sprint	1.544	300	Yes	Yes	\$20.00	60	\$0.50	-	-
Pinellas Internet Service	Clearwater, FL	813-535-2822	pinellas.com	Sprint	1.544	48	No	Yes	\$20.00	-	-	-	-
Quadra.net Communications Inc	Tampa, FL	813-289-8116	quadra.net	MCI	1.544	50	No	No	\$15.95	-	-	-	-
Quantum Technologies of America	Odessa, FL	813-920-8725	q-tek.net	BBN/Sprint	4.632	20	No	Yes	\$30.00	-	-	-	-
Shamrock Internet Services	Tampa, FL	813-265-2913	shamrock.net	CWIX	0.128	16	No	No	\$20.00	-	-	-	-
Skyward On-Line Services	Clearwater, FL	813-738-0430	skyward.net	Sprint	1.544	46	No	Yes	\$15.95	100	\$0.30	-	-

Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-
Spynet, Inc.	Lutz, FL	813-948-4424	cyberspy.com	MCI	0.099	9999	No	No	\$17.95	-	-	-	-
SunWeb Inc	Largo, FL	813-587-7944	sunweb.com	Sprint	1.544	20	No	No	\$19.95	-	-	-	-
Sunworks Internet Technologies	Saint Petersburg, FL	813-522-1372	sunworks.com	DIGEX	45.000	50	No	No	\$19.95	-	-	-	-
Tampa Bay Amiga Group	Land O Lakes, FL	813-888-9035	tbag.org	Sprint	4.632	10	No	No	\$20.00	600	\$0.01	-	-
Televault Inc	Holiday, FL	813-942-9370	televault.com	Sprint	1.544	20	No	No	\$18.00	-	-	-	-
URnet.com, Inc.	Saint Petersburg, FL	813-547-1483	umet.com	UUNET/PSINet	1.600	14	No	No	\$15.00	-	-	-	-
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
Florida Network Solutions Inc	Gainesville, FL	904-375-8322	fns.net	MCI	0.099	9999	No	No	\$9.95	10	\$1.00	-	-
Florida Network Technologies Inc	Sarasota, FL	941-927-0799	finet.com	Sprint	6.176	288	Yes	Yes	\$19.99	-	-	-	-
FLORIDA ONLINE	Rockledge, FL	407-635-8888	digital.net	Sprint	45.000	1600	Yes	Yes	\$20.00	150	\$0.50	20.00	x2
HAYES COMPUTER SYSTEMS	Tallahassee, FL	904-297-0551	hcs.net	GridNet	10.808	96	Yes	No	\$19.95	-	-	50.00	RockK56flex
Internet Connect Co., Inc.	Gainesville, FL	352-375-2912	atlantic.net	Sprint/MCI	3.088	300	Yes	Yes	\$19.95	-	-	-	-
Internetworks International Inc	Gainesville, FL	352-378-1902	inetw.net	Sprint	0.099	9999	No	Yes	\$15.00	500	\$1.00	-	-
iThink, Imaginative Thinking	Winter Haven, FL	941-299-6372	ithink.com	MCI/Sprint	4.632	-	Yes	No	-	-	-	-	-
NCSN INC	Nashville, TN	615-383-5856	ncsn.net	MCI	1.544	114	No	Yes	\$14.95	-	-	19.95	x2/RocK56flex
NETLINE COMMUNICATIONS	West Palm Beach, FL	561-966-5459	netline.net	Sprint	1.544	160	Yes	Yes	\$19.95	-	-	49.95	x2
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Southeast Network Services Inc	Jacksonville, FL	904-350-1969	southeast.net	GoodNet	10.000	517	Yes	Yes	\$19.95	-	-	-	-
TOTAL ACCESS	Las Cruces, NM	505-523-2000	totacc.com	Sprint	1.544	300	Yes	No	\$20.00	-	-	20.00	x2

814 Area Code ♦ PENNSYLVANIA

ABC Internet	Philipsburg, PA	814-342-7639	abci.net	UUNET/MCI	2.056	14	Yes	No	\$19.95	250	\$1.20	-	-
Axis Communications	Erie, PA	814-835-4666	axicom.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Computer Showcase	Seneca, PA	814-677-2447	csonline.net	MCI	1.544	150	Yes	No	\$18.95	-	-	-	-
Concurrce Tech Corp	Johnstown, PA	814-269-2617	ctcnet.net	MCI	0.099	9999	No	No	\$35.00	-	-	-	-
ErieNet, Inc.	Erie, PA	814-456-2117	erie.net	MCI	1.544	240	No	No	\$19.95	-	-	-	-
KEYSTONE INTERNET ACCESS	Du Bois, PA	814-375-8017	key-net.net	MCI	1.544	80	Yes	Yes	\$14.95	-	-	14.95	x2
North Coast Internet	Erie, PA	814-838-6386	ncinter.net	Sprint	1.544	143	Yes	Yes	\$19.95	-	-	-	-
PENNCOM INTERNET CO	Warren, PA	814-723-4141	penn.com	Sprint/MCI	4.264	1050	Yes	Yes	\$20.00	-	-	20.00	LuckK56flex
THIRD WAVE DEVELOPMENT	Johnstown, PA	814-262-0622	third-wave.com	UUNET/DIGEX	6.176	1116	Yes	No	\$19.95	-	-	19.95	x2
USA CHOICE INTERNET SRVS.	Oil City, PA	814-678-8831	usachoice.net	Sprint	1.544	108	No	No	\$19.95	-	-	19.95	x2
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
Internet Access Group, Inc.	Cleveland, OH	216-623-3565	iagnet.net	ANS/MCI/UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
localconnect	Monroeville, PA	412-373-8888	nb.net	CRL	0.099	9999	Yes	No	\$19.95	-	-	-	-
PREPnet	Pittsburgh, PA	412-268-7870	prep.net	MCI	45.000	-	Yes	No	-	-	-	-	-
PATHWAY INTERNET!	Grove City, PA	412-458-7900	pathway.net	UUNET	1.544	156	Yes	No	\$19.95	-	-	19.95	x2
PITTSBURGH ONLINE INC	Pittsburgh, PA	412-681-6130	pgh.net	MCI/UUNET	3.088	302	Yes	Yes	\$24.95	-	-	50.00	RockK56flex
UpLink	Williamsport, PA	717-327-8000	csrlink.net	Sprint/BBN/UUNET	4.632	754	Yes	Yes	\$14.95	-	-	-	-
USA OnRamp	Pittsburgh, PA	412-391-4382	usaor.net	AGIS	3.088	610	Yes	Yes	\$19.95	-	-	-	-

815 Area Code ♦ ILLINOIS

ACRUX Internet	Rockford, IL	815-397-3732	acrux.net	MCI/AGIS	3.088	34	Yes	No	\$19.99	-	-	-	-
AMERICAN INTERMAXX	Mc Henry, IL	815-385-7240	imaxx.net	UUNET/MCI	3.088	740	Yes	Yes	\$15.95	-	-	15.95	x2
C-R Communications Services	Streator, IL	815-673-1057	crtelco.com	MCI	1.544	44	Yes	No	\$29.95	-	-	-	-
Collective Intelligence Inc.	Kankakee, IL	815-933-7277	colint.com	Nap.Net	1.544	108	Yes	Yes	\$19.95	-	-	-	-
Computer Network Services	Joliet, IL	815-436-6352	cnsnet.com	AGIS	1.544	36	Yes	No	\$16.65	-	-	-	-
Cyber Broadcasting Llc	Minooka, IL	815-467-2504	cbcast.com	Sprint	1.544	19	Yes	Yes	\$25.00	-	-	-	-
Dialogue	Clifton, IL	815-694-2587	dlogue.net	Nap.Net	1.544	24	Yes	No	\$19.95	100	\$1.50	-	-
I V NET LLP	Peru, IL	815-223-1052	ivnet.com	MCI	0.099	9999	No	No	\$22.95	-	-	450.00	x2
Internet of Northwest Illinois	Savanna, IL	815-273-2211	internetni.com	MCI	0.056	28	No	No	\$30.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
815 Area Code ♦ ILLINOIS										
Keynet Online	Kankakee, IL	815-933-4500	keynet.net	AGIS/CRL	0.099	9999	Yes	No	\$19.95	-
SLT Internet Connect	Belvidere, IL	815-544-2454	sltic.com	MCI	0.099	9999	No	No	\$25.00	-
Somonauk Valley Net Inc	Somonauk, IL	815-498-9107	prairienet.com	Sprint	1.544	32	Yes	No	\$19.95	-
TBC Group	Cortland, IL	815-758-5040	tbnet.com	MAE West	45.000	46	No	No	\$20.00	120 \$10.00
The Software Farm	Earlville, IL	815-246-7295	softfarm.com	Sprint	1.544	54	Yes	No	\$20.00	-
Towne Online	New Lenox, IL	815-462-1386	nlenx.com	MCI	1.544	80	No	No	\$19.95	-
UTI Systems	Morris, IL	815-941-4555	uti.com	Nap.Net	0.099	9999	Yes	No	\$19.00	-
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240 \$1.50 19.95
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	18.95
Allied Access Inc	Murphysboro, IL	618-684-2255	intmet.net	MCI/Sprint	3.088	140	Yes	No	\$30.00	-
American Information Systems Inc	Chicago, IL	312-255-8500	ais.net	MCI/Sprint/UUNET/CWIX	0.099	9999	Yes	Yes	\$22.50	200 \$2.00
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-
Aquila Internet Services	Aurora, IL	630-820-0480	aquila.net	Sprint	1.544	54	Yes	Yes	\$19.95	20 \$2.00
AXON DATA SYSTEMS	Downers Grove, IL	630-595-5096	axnet.com	MCI	0.099	9999	Yes	Yes	\$14.00	14.00
BOSSNet Internet Services	Beloit, WI	608-362-1340	bossnt.com	Sprint	0.099	9999	No	Yes	\$25.00	15 \$2.00
CHICAGONET	Carol Stream, IL	773-762-1002	chicagonet.net	GoodNet/MCI	45.000	3408	Yes	Yes	\$9.95	17.95
COMPUTERSE INFORM. NTWK.	Hoffman Estates, IL	847-310-1188	cin.net	Sprint/MCI	29.000	2996	Yes	Yes	\$19.95	29.95
CyberConnect of Chicago	Chicago, IL	312-622-5300	cyberconnect.com	Sprint	1.544	44	Yes	No	\$20.00	-
CYCOM COMMUNICATIONS CORP	Naperville, IL	630-961-1234	cycom.net	CIX/UUNET	4.632	200	Yes	No	\$19.95	19.95
DLS Computer Services Inc	Algonquin, IL	847-854-4799	dls.net	MCI	3.088	32	Yes	Yes	\$14.99	-
DAVE'S WORLD INC	Bloomington, IL	309-663-0874	dave-world.net	MCI	1.544	430	Yes	Yes	\$19.95	19.95
EZ Networks, Inc.	Chicago, IL	312-230-9600	eznetinc.net	UUNET	0.099	9999	Yes	No	\$10.95	10.95
Electro Link Network Inc	Elburn, IL	630-365-0807	elnet.com	AGIS	1.544	87	Yes	Yes	\$19.95	-
EnterAct L.L.C.	Chicago, IL	773-248-8511	enteract.com	MAE West	10.000	472	Yes	Yes	\$5.00	5 \$1.00
EXEC-PC INC	New Berlin, WI	414-789-4200	execpc.com	UUNET/MCI/AGIS	45.000	4660	Yes	Yes	\$12.00	65 15.00
FGInet Inc	Springfield, IL	217-544-2775	fgi.net	MCI	4.632	350	Yes	Yes	\$20.00	-
Full Access Internet Services	Janesville, WI	608-755-9981	fab.net	UUNET	1.544	60	Yes	Yes	\$15.00	-
I Connection Inc	Waukegan, IL	847-662-0877	iconnect.net	MAE West	1.544	100	Yes	No	\$25.00	250
IlliNetworks	Springfield, IL	217-698-6063	inw.net	MCI	0.099	9999	Yes	No	\$30.00	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-
InfoRamp Inc	Cicero, IL	708-222-6666	theramp.net	MCI	3.088	650	Yes	Yes	\$19.95	-
InterAccess Co	Chicago, IL	312-496-4400	interaccess.com	Sprint	0.099	9999	Yes	Yes	\$20.95	-
InterGlobal Communications	Chicago, IL	847-298-9933	igcom.net	MCI	3.088	124	Yes	Yes	\$16.95	240
InterVision Inc	Chicago, IL	312-266-8100	mbsi.net	MAE West	45.000	-	Yes	No	-	-
Interactive Network Systems Inc	Highland Park, IL	847-266-5600	insnet.com	DataXchange	1.544	80	Yes	Yes	\$25.00	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	20.00
Internet Chicago	Mt Prospect, IL	847-228-1717	icsp.net	MCI	0.099	9999	Yes	No	\$19.95	-
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-
Internet Illinois	Geneva, IL	630-513-1033	inil.com	MCI	3.088	1092	Yes	Yes	\$20.00	-
Inwave Internet Inc	Janesville, WI	608-757-8055	inwave.com	MCI	1.544	264	Yes	No	\$18.95	-
Kwom Communications Inc	Glen Ellyn, IL	630-253-3568	kwom.com	AGIS	0.099	9999	No	Yes	\$25.00	-
MTCO Communications	Metamora, IL	309-367-2006	mtco.com	MCI	3.088	250	Yes	Yes	\$25.00	-
Macro Computer Solutions Inc	Chicago, IL	312-803-6271	mcs.net	DataXchange/GoodNet	0.099	9999	Yes	Yes	\$19.95	200 \$1.00
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240
MEGSINET INC	Chicago, IL	312-245-9015	megsinet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	14.95
MidWest Communications, Inc.	Dubuque, IA	319-557-8463	mwci.net	AGIS/MCI/Nap.Net	6.176	580	Yes	Yes	\$24.00	-
Midwest Internet	Carbondale, IL	618-529-7271	midwest.net	Sprint/MCI	6.176	1054	Yes	No	\$20.00	-
NETWave Internet	Lombard, IL	708-889-2383	netwave.net	UUNET	0.099	9999	Yes	No	\$16.95	-

NETSOURCE COMMUNICATIONS	Naperville, IL	630-778-1212	ntsource.com	MCI	1.544	94	Yes	Yes	\$19.95	-	-	19.95	x2
ORBITEL COMMUNICATIONS INC	Orland Park, IL	708-460-8686	orbitel.com	MCI/AGIS/Nap.Net	3.600	148	Yes	No	\$25.00	-	-	29.95	x2/RocK56flex
RIPCO COMMUNICATIONS INC	Chicago, IL	773-477-6210	ripco.com	UUNET	1.544	137	Yes	Yes	\$15.00	-	-	100.00	LucK56flex
SpideyWeb, Inc.	Park Forest, IL	708-748-5567	spideyweb.net	MCI/Nap.Net	3.088	30	No	No	\$19.95	-	-	-	-
StarNet Inc	Palatine, IL	847-202-0099	starnetinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-	-	-	-
Super-highway Inc	Roselle, IL	630-307-7600	super-highway.net	MCI	1.544	100	No	Yes	\$19.95	-	-	-	-
Synergistic Networks Inc	Elmhurst, IL	630-993-0460	syn.net	Sprint	1.544	48	Yes	Yes	\$20.00	-	-	-	-
Synet Inc	Downers Grove, IL	630-271-1500	synet.net	MCI	1.544	50	Yes	No	\$19.95	-	-	-	-
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-	-	-	-
THE METROPOLITAN NETWORK	Park Forest, IL	708-747-0600	met-net.com	DIGEX/PSINet	1.800	130	No	Yes	\$19.95	-	-	19.95	x2
The Planet Group Inc	Chicago, IL	773-772-8333	pg.net	BBN/CIX	3.088	378	Yes	Yes	\$25.00	-	-	45.00	-
WinkComm	Hoffman Estates, IL	847-310-9465	winkcomm.com	UUNET/MCI	3.088	24	No	Yes	-	-	-	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-	-	-	-
XNet Information Systems	Lisle, IL	630-983-6064	xnet.com	Sprint/MCI/Nap.Net	45.000	400	Yes	Yes	\$20.00	186	-	-	-

816 Area Code ♦ MISSOURI

Carrollton Internet Service	Carrollton, MO	816-542-3002	carolnet.com	MCI	1.544	10	No	No	\$18.95	-	-	-	-
Cook's Computer Programming	Saint Joseph, MO	816-232-2838	ccp.com	MCI	0.099	9999	No	No	\$14.95	90	-	-	-
Green Hills Communications	Breckenridge, MO	816-644-2000	vax2.rainis.net	Sprint/UUNET	3.088	48	No	No	\$19.95	-	-	-	-
Green Hills Telephone Corp.	Breckenridge, MO	816-644-5411	rainis.net	UUNET	1.544	64	No	No	\$19.95	-	-	-	-
I-Land Internet Services	Sedalia, MO	816-829-4638	iland.net	Sprint	3.088	316	No	No	\$18.95	80	\$1.00	-	-
K.C. MICRO SPECIALISTS INC	Blue Springs, MO	816-228-4300	micro.com	MCI	1.544	320	No	No	\$12.95	120	\$3.00	12.95	x2
KCnet	North Kansas City, MO	816-221-4658	kcnet.com	MCI	0.099	9999	No	No	\$19.95	200	\$0.50	-	-
LUKAS TECHNOLOGIES	Kansas City, MO	816-531-7195	lukasonline.com	MCI	1.544	58	No	Yes	\$10.00	-	-	17.00	x2
MCM Systems	Moberly, MO	816-269-8088	mcmcsys.com	BBN	0.512	42	No	No	\$20.00	100	\$5.00	-	-
Microlink LLC	Kansas City, MO	816-421-6610	microlink.net	Sprint	1.544	60	No	No	\$17.95	240	\$0.60	-	-
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
SkyNET Corp	Kansas City, MO	816-421-2626	sky.net	Sprint	1.544	200	Yes	No	\$13.95	120	\$0.60	-	-
SmartNet Internet Services	Saint Joseph, MO	816-233-4944	smartnet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Sound Advice Limited	Gladstone, MO	816-436-5206	sound.net	Sprint/MCI	11.544	870	Yes	Yes	\$10.00	540	-	-	-
United Internet Technologies	Independence, MO	816-461-4062	uit.net	MCI	1.544	120	Yes	No	\$15.95	-	-	-	-
Unlimited Data Systems	Boonville, MO	816-882-8888	undata.com	UUNET	1.544	26	No	No	\$20.00	200	\$1.00	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
Columbia Online Information Network	Columbia, MO	573-499-9474	coin.missouri.edu	Sprint	1.280	90	No	No	\$75.00	90	-	-	-
Eris Free Networking	Overland Park, KS	800-913-3878	ef.net	Sprint/UUNET/MCI/BBN	45.000	-	Yes	No	-	-	-	-	-
FASTRANS LOGISTICS, INC.	Saint Louis, MO	314-429-9220	fastrans.net	UUNET	6.176	256	Yes	Yes	\$15.95	-	-	19.95	RocK56flex
GlobalVision Internet	Lenexa, KS	913-768-6900	gvi.net	Sprint	1.544	342	Yes	Yes	\$15.00	100	\$0.70	-	-
Internet Direct Communications	Lawrence, KS	913-841-2220	idir.net	MCI/UUNET	9.264	500	Yes	Yes	\$18.95	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
IONET	Oklahoma City, OK	405-270-0999	ionet.net	MCI/Sprint/GoodNet/DIGEX	24.664	4047	Yes	Yes	\$18.95	-	-	18.95	x2
KC One Internet Services, Inc	Kansas City, KS	913-287-3000	kc1.net	MCI	1.544	64	No	No	\$19.95	-	-	-	-
Kansas Research & Education Network	Lawrence, KS	913-864-0422	kanren.net	Sprint/MCI	9.264	-	Yes	No	-	-	-	-	-
KansasNet	Manhattan, KS	913-776-1452	kansas.net	MCI/Sprint	3.088	330	Yes	Yes	\$20.00	200	\$1.50	-	-
Miami County Internet OnRamp	Paola, KS	913-294-2777	micoks.net	MCI	1.544	49	Yes	Yes	\$19.95	-	-	-	-
NEMONET.COM, INC.	Hannibal, MO	573-221-5558	nemonet.com	MCI	1.544	240	Yes	Yes	\$9.00	15	\$2.00	9.00	x2/RocK56flex
NetSpace Internet Services	Salina, KS	913-823-3565	midusa.net	MCI	3.088	546	Yes	Yes	\$18.95	-	-	-	-
O2 Innovations	Shawnee Mission, KS	913-385-0004	o2.net	MCI	0.099	9999	Yes	Yes	-	-	-	-	-
Smallville Communications, Inc	Kansas City, KS	913-334-6614	toto.net	Sprint	1.544	75	No	Yes	\$17.95	240	\$0.75	-	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TFSNet Inc	Mission, KS	913-262-4638	tfs.net	MCI/BBN	3.088	396	Yes	Yes	\$20.00	-	-	-	-
Thirdwave Information Services	Olathe, KS	913-829-2212	thirdwave.net	CWIX/MCI	3.088	91	Yes	Yes	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
816 Area Code ♦ MISSOURI													
US INTERNET	Columbia, MO	573-446-8442	usi.com	MCI	1.544	120	No	Yes	\$15.95	-	-	15.95	Rock56flex
Unicom Communications	Overland Park, KS	913-383-8466	unicom.net	UUNET/MCI	0.099	9999	Yes	Yes	\$19.50	200	\$1.00	-	-
Wonderlink Communications, Inc.	Overland Park, KS	913-341-9663	wonderlink.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
WORLDWIDE GRAPEVINE, INC.	Lenexa, KS	913-894-8170	wwi.net	MCI/SAVVIS	9.088	790	Yes	Yes	\$19.95	-	-	19.95	x2
817 Area Code ♦ TEXAS													
ANET	Arlington, TX	817-461-2638	anet-dfw.com	MCI/Nap.Net	11.544	400	Yes	Yes	\$19.95	240	\$1.00	-	-
Access Zone	Fort Worth, TX	817-332-6448	azone.net	UUNET	1.544	36	No	No	\$19.95	-	-	-	-
AppLink Corp	Grapevine, TX	817-481-5507	applink.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Chip Shot, Inc.	Vernon, TX	817-552-6738	chipshot.net	MCI	1.544	50	No	No	\$27.00	-	-	-	-
DFW INTERNET SERVICES INC	Fort Worth, TX	817-332-5116	dfw.net	MCI	45.000	600	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
Dallas Fort Worth Internet	Bedford, TX	817-355-6677	dfwisp.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Eastland Internet	Eastland, TX	817-629-3278	eastland.net	UUNET	1.544	60	Yes	No	\$27.00	-	-	-	-
FASTLANE COMMUNICATIONS	Fort Worth, TX	817-429-5263	fastlane.net	UUNET/Verio/Sprint	45.000	1280	Yes	Yes	\$19.95	-	-	19.95	Rock56flex/LucK56flex
GenStar Communications Inc	Belton, TX	817-939-7776	genstar.net	MCI/Sprint	3.088	128	No	No	\$25.00	-	-	-	-
Hex.Net Superhighway	Grapevine, TX	817-329-3182	hex.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Hometown Computing	Hamilton, TX	817-386-8925	htcomp.net	UUNET	0.099	9999	No	No	\$29.95	-	-	-	-
ImagiNet Communications Ltd	Arlington, TX	817-516-0040	imagin.net	UUNET	1.544	216	No	Yes	\$15.00	-	-	-	-
Information Motorspeedway	Denton, TX	817-891-1538	infospeedway.net	Sprint	1.544	19	No	No	\$19.95	-	-	-	-
Internet Texas	Granbury, TX	817-279-8100	itexas.net	UUNET/DIGEX	3.088	94	Yes	No	\$19.95	-	-	-	-
Johnson County Internet Svcs	Cleburne, TX	817-556-9557	jci.net	MCI	1.544	188	No	Yes	\$19.95	-	-	-	-
Morgan Publishing and Communications	Bowie, TX	817-872-6186	morgan.net	MCI	1.544	30	Yes	No	\$9.95	10	\$1.00	-	-
Net.Solutions' TexasInternet	Waco, TX	817-756-0390	texasinternet.com	UUNET	3.088	150	No	No	\$19.95	-	-	-	-
Neurotech	Fort Worth, TX	817-279-5911	neurotech.net	MCI	0.099	9999	No	No	\$16.95	-	-	-	-
NEXTLINK INTERNET SERVICES	Killeen, TX	817-519-1371	n-link.com	MCI	1.544	336	Yes	No	\$24.95	-	-	24.95	Rock56flex
RusCom	Abilene, TX	817-442-1566	telstar1.com	DataXchange	3.088	20	No	No	\$18.35	-	-	-	-
Simplified Communications Inc	Waco, TX	817-757-3279	easy.com	UUNET	1.544	30	Yes	Yes	\$24.00	-	-	-	-
Spindlemedia Inc	Fort Worth, TX	817-332-5661	spindle.net	UUNET	3.088	240	Yes	Yes	\$19.95	-	-	-	-
StarText	Fort Worth, TX	817-390-7905	startext.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Texas CyberConnect	Hurst, TX	817-589-0517	txcc.net	MCI	3.088	102	Yes	No	\$19.95	-	-	-	-
Texas Internet	Stephenville, TX	817-965-6168	texinet.net	Sprint	1.544	50	No	No	\$19.95	-	-	-	-
Texas Metronet Inc	Eules, TX	817-267-2031	metronet.com	AGIS/Sprint/MCI/UUNET	2.312	234	No	Yes	\$16.00	-	-	-	-
txis.net	Fort Worth, TX	817-348-8947	txis.net	UUNET	0.099	9999	Yes	No	\$15.50	-	-	-	-
VVM Internet Services Inc	Temple, TX	817-778-8028	vvm.com	MCI	0.099	9999	No	No	\$27.01	-	-	-	-
WNSC	Killeen, TX	817-554-6939	sagelink.net	MCI/BBN	3.088	256	No	No	\$22.95	-	-	-	-
Web Fire	Wichita Falls, TX	817-723-0306	wf.net	MCI	0.099	9999	No	Yes	\$30.00	-	-	-	-
West Texas Internet	Haskell, TX	817-864-3682	westex.net	MCI	1.544	19	No	No	\$19.95	-	-	-	-
Why? Network	Arlington, TX	817-795-1765	why.net	Sprint	0.099	9999	No	Yes	\$8.25	-	-	-	-
123go	Dallas, TX	972-680-7800	123go.com	BBN	45.000	100	Yes	Yes	-	-	-	-	-
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	Rock56flex
Advanced Network Technologies	Dallas, TX	972-248-1060	antech.net	DIGEX	3.088	368	No	Yes	\$25.00	-	-	-	-
AltNet Inc	Dallas, TX	214-754-7177	altinet.net	BBN	0.099	9999	No	No	\$9.95	-	-	-	-
Camalott Communications	Abilene, TX	915-676-9818	camalott.com	ANS/UUNET	3.088	190	Yes	No	\$19.95	-	-	-	-
Camelot Internet Access Services	Dallas, TX	972-733-3005	cias.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Chrysalis Online Services	Plano, TX	972-783-5099	chrysalis.org	Sprint/CRL	2.056	128	No	No	\$18.00	-	-	-	-
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-
CompuNet, INC.	Richardson, TX	972-994-0191	cmput.net	Sprint/CRL	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
CONNECTNET, INC.	Dallas, TX	972-490-7100	connect.net	Sprint/MCI	6.176	435	Yes	Yes	\$24.95	-	-	24.95	x2
CrystalBall Internet Services	Carrollton, TX	972-418-9095	crystalball.com	CRL/MCI/Sprint/PSINet	6.304	64	Yes	No	\$14.95	-	-	-	-

CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
CyberRamp Internet Services	Dallas, TX	214-340-2020	cyberramp.net	MCI/CRL	3.088	1016	Yes	Yes	\$9.95	-	-	-	-
Cyberstation, Inc.	Wichita Falls, TX	940-691-1081	cyberstation.net	MCI	1.544	90	No	No	\$19.95	-	-	-	-
Dallas Internet	Plano, TX	972-881-9595	dallas.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Freese Communications Inc	Austin, TX	512-458-9810	fc.net	UUNET/MCI/Sprint	12.352	65	Yes	No	\$20.00	60	\$0.50	-	-
Galaxy Access Network	Dallas, TX	214-522-3300	gan.net	Sprint	0.099	9999	Yes	No	\$5.00	-	-	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-
INTERNET AMERICA	Dallas, TX	214-861-2500	airmail.net	UUNET/MAE East/CRL/MCI	45.000	4500	Yes	No	\$19.95	-	-	19.95	x2
Internet Global Services Inc	Lewisville, TX	214-221-1335	iglobal.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Intex.net	Dallas, TX	972-669-0999	intex.net	UUNET	0.099	9999	No	Yes	\$24.95	100	\$1.95	-	-
Intumet Inc	Richardson, TX	214-783-0066	intur.net	CRL	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
Leapfrog Technologies	Abilene, TX	915-675-6850	abilene.com	CWIX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
LeaseNet Inc.	Dallas, TX	972-980-9319	leaset.net	BBN	0.099	9999	No	Yes	-	-	-	-	-
MPS Computer Services, Inc.	Carrollton, TX	972-416-3698	mpsi.net	DIGEX	1.544	200	No	No	\$11.66	-	-	-	-
National Knowledge Networks Inc	Dallas, TX	214-880-0700	nkn.net	UUNET/Sprint/AGIS	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Nova Internet Services, Inc.	Dallas, TX	214-904-9600	nova1.net	MCI	1.544	220	Yes	Yes	\$19.95	-	-	-	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
Point of Presence Inc	Wylie, TX	214-442-5100	popi.net	UUNET	4.632	83	Yes	Yes	\$19.95	-	-	-	-
Reallink Inc	Austin, TX	512-338-4824	reallink.com	DIGEX	0.099	9999	No	Yes	\$10.00	-	-	-	-
River Styx Systems	Little Elm, TX	972-346-2829	riverstyx.com	UUNET	1.544	66	Yes	Yes	\$15.00	-	-	-	-
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-	-	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TeleTeam Internet	Dallas, TX	214-672-6720	teleteam.net	UUNET	10.000	115	Yes	Yes	-	-	-	-	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
The Internet Connection	Dallas, TX	214-652-0169	ticnet.com	UUNET	1.544	120	No	Yes	\$14.95	-	-	-	-
VisionWire Inc	Dallas, TX	214-523-9019	visionwire.net	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
WAYMARK INTERNET SERVICES	Dallas, TX	972-409-9800	waymark.net	UUNET	1.544	348	Yes	Yes	\$19.95	-	-	24.95	x2
WEBWIDE NETWORK COMMUN.	Greenville, TX	903-450-8700	webwide.net	MCI/DIGEX	3.088	988	Yes	Yes	\$18.50	-	-	30.00	x2

818 Area Code ♦ CALIFORNIA

AceWeb Network	North Hills, CA	818-891-5941	acweb.net	MCI	0.099	9999	No	Yes	\$8.00	30	-	-	-
AlphaLink	Westlake Village, CA	818-707-8575	alphalink.com	MCI	0.099	9999	No	No	\$25.00	-	-	-	-
Annex Telecommunications	Van Nuys, CA	818-779-5646	annex.com	MCI	3.088	48	No	No	\$30.00	-	-	-	-
ARTSCI INC	Burbank, CA	818-843-4080	artsci.net	AGIS	1.544	68	No	Yes	\$19.95	-	-	29.95	LucK56flex
Asian American Network	El Monte, CA	818-452-2152	aan.net	MAE West	0.099	9999	Yes	No	\$30.00	-	-	-	-
Bestlink Inc	Pasadena, CA	818-432-7040	bestlink.net	MCI	0.099	9999	No	Yes	-	-	-	-	-
Calcom Communications	Pasadena, CA	818-791-0578	calcom.com	UUNET	1.544	30	Yes	No	\$19.95	-	-	-	-
CompuLearn Business Services	Tarzana, CA	818-344-8434	lacompulearn.com	Sprint	1.544	9	No	Yes	\$12.95	20	\$1.00	-	-
CyberEsc Communications Network	Tarzana, CA	818-776-2391	cyberesc.net	MCI	4.000	192	Yes	Yes	\$17.95	240	\$2.00	-	-
CyberWeb	Chatsworth, CA	818-773-5777	cyberweb1.com	AGIS	0.099	9999	Yes	No	\$19.95	-	-	-	-
INTERNET COMMUNICATIONS	Van Nuys, CA	818-778-6990	ecom.net	Sprint	6.176	768	No	Yes	\$19.95	-	-	19.95	x2
GreenHeart Internet Services	South Pasadena, CA	818-799-9461	greenheart.com	MCI	1.544	100	No	No	\$19.95	-	-	-	-
Higgs America	Van Nuys, CA	818-899-1875	higgs.net	Genuity	45.000	-	Yes	No	-	-	-	-	-
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	29.95	x2
Internet Specialties West	Westlake Village, CA	818-735-3000	iswest.net	UUNET/CRL	0.099	9999	No	No	\$15.00	15	-	-	-
INTERNET TELEPRESENCE INC	Glendale, CA	818-638-0537	itgateway.com	UUNET	10.000	60	Yes	Yes	\$19.95	-	-	19.95	x2
Intifone Telecommunications System	Arcadia, CA	818-446-9176	sgvnet.com	Sprint	0.099	9999	No	No	\$9.95	10	\$1.95	-	-
Jet.Net Internet Services	Chatsworth, CA	818-734-0168	jet.net	MCI	3.088	192	Yes	Yes	-	-	-	-	-
KTB INTERNET ONLINE	Glendale, CA	818-240-6600	ktb.net	MCI/AGIS	3.088	208	Yes	Yes	\$15.00	-	-	25.00	x2
Lightside Inc	Covina, CA	818-858-9261	lightside.net	ATMnet	1.544	40	Yes	No	\$19.95	-	-	-	-
MCS Internet Service Provider	Glendale, CA	818-542-3935	wman.com	AGIS	1.544	60	No	No	\$16.95	-	-	-	-
MJI Corp	Burbank, CA	818-569-4909	type3.net	MCI	1.544	-	Yes	No	-	-	-	-	-
NETCOAST Communications	Burbank, CA	818-563-3200	netcoast.net	AGIS	0.099	9999	Yes	Yes	\$40.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
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Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-	-	-	-
Outwest Network Services Inc	Glendale, CA	818-500-9092	outwest.net	UUNET	0.099	9999	Yes	Yes	\$19.95	100	\$1.00	-	-
PacLink Communications LLC	Pasadena, CA	818-583-1988	paclink.net	AGIS	45.000	230	Yes	Yes	\$14.95	-	-	-	-
PACIFICNET	Canoga Park, CA	818-717-9500	pacificnet.net	AGIS	10.000	1028	Yes	Yes	\$18.95	-	-	18.95	x2/LucK56flex
Ping Digital Systems	Hacienda Heights, CA	818-968-1480	pingdata.net	DIGEX	1.544	95	Yes	Yes	\$15.95	-	-	-	-
QuickCom Internet	Chatsworth, CA	818-773-5777	quickcom.net	AGIS	0.099	9999	No	Yes	\$19.95	-	-	-	-
Saigon Enterprises	Glendale, CA	818-246-0689	saigon.net	MCI	1.544	60	Yes	Yes	\$15.00	-	-	25.00	-
SIBERIA INTERNET ACCESS	Agoura Hills, CA	818-889-1396	siag.com	CRL	1.544	1200	Yes	Yes	\$19.95	100	-	45.00	x2
Silicon Networking	Van Nuys, CA	818-375-5099	silicon.net	AGIS	0.099	9999	No	Yes	\$18.95	-	-	-	-
SmartLink Communications	Van Nuys, CA	818-781-0856	smartlink.net	Sprint	0.384	142	No	Yes	\$19.95	-	-	-	-
SOUTHWEST INTERNET SERVICES	Covina, CA	818-332-3401	sowest.net	CIX	1.544	144	No	No	\$17.95	-	-	17.95	x2
Strategic Internet Partners	Irwindale, CA	818-815-2775	sip.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
TYnet Inc	Marina del Rey, CA	818-991-3591	tynet.com	Sprint	45.000	-	Yes	No	-	-	-	-	-
Thinline Communications	Arcadia, CA	818-294-1710	thinline.com	AGIS	1.544	2	Yes	Yes	\$15.95	-	-	-	-
VPlus Network Inc	Chatsworth, CA	818-718-4300	vplus.com	AGIS	1.544	10	Yes	No	\$18.50	-	-	-	-
WESTWORLD COMMUNICATIONS	Chatsworth, CA	818-718-4100	westworld.com	IBM/UUNET	45.000	4740	Yes	Yes	\$19.95	-	-	29.95	RockK56flex
2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95	550	\$2.00	-	-
95net Inc	Irvine, CA	714-222-1034	95net.com	AGIS	3.088	83	No	Yes	\$16.95	-	-	-	-
A Def Webserver & Internet Access	Los Angeles, CA	714-575-4400	adefwebserver.com	Sprint	0.256	28	No	No	\$19.95	-	-	-	-
A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	19.95	RockK56flex
A1 Data Services	Beverly Hills, CA	310-358-0202	gdsi.net	Sprint	0.099	9999	No	No	\$34.95	-	-	-	-
ANET COMMUNICATIONS	Los Angeles, CA	310-659-0122	anet.net	MCI	1.544	180	Yes	Yes	\$16.00	-	-	16.00	x2
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Advanced Network Solutions	Thousand Oaks, CA	805-446-2219	adnetsol.com	MCI	1.544	55	Yes	Yes	\$25.00	100	\$1.95	-	-
Altair Exchange Corp	Valencia, CA	805-257-6964	altair.net	Sprint	1.544	58	No	Yes	\$19.95	150	-	-	-
Alto Corp	Newbury Park, CA	805-376-9171	altonet.com	UUNET	4.632	355	Yes	Yes	\$20.00	100	-	-	-
American Digital Network Inc	San Diego, CA	619-576-4272	adnc.com	MCI	0.099	9999	No	Yes	\$22.00	60	\$5.00	-	-
ASYST DATA GROUP	Irvine, CA	714-250-0110	asyst.net	MCI	45.000	41	Yes	Yes	\$15.95	-	-	19.95	x2
BBS LA	North Hollywood, CA	213-737-8538	bbs-la.com	MCI	0.384	15	Yes	Yes	\$14.95	-	-	-	-
Bare Power Internet Services Inc	Los Angeles, CA	310-235-3500	barepower.net	MCI	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
CCI Industries Inc	Fullerton, CA	714-738-7270	cci-internet.com	CIX	45.000	300	Yes	Yes	\$14.95	-	-	-	-
CERFnet Services, Inc.	San Diego, CA	619-455-3900	cerf.net	Sprint	0.099	9999	Yes	No	\$20.00	15	\$2.00	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
Channel Islands Internet	Ventura, CA	805-658-2652	isle.net	MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Cheetah Communications Intl	Duarte, CA	310-694-3254	cheetah.net	AGIS	3.088	8	No	No	\$19.95	-	-	-	-
ClubNET, Inc.	Diamond Bar, CA	909-612-5888	clubnet.net	MCI/AGIS	12.088	200	Yes	Yes	\$18.40	-	-	-	-
CompuAll Inc	Fountain Valley, CA	714-964-2140	compuall.com	UUNET	0.099	9999	Yes	No	\$9.99	75	\$1.75	-	-
Connect America	Riverside, CA	909-275-5313	connectamerica.net	AGIS/ATMnet	4.632	600	Yes	Yes	\$15.95	-	-	-	-
Cosmoslink Internet Services	Brea, CA	714-577-8593	cosmoslink.net	AGIS	1.544	100	Yes	No	\$19.95	-	-	-	-
CruzNet	Fullerton, CA	714-680-6600	cruznet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Crystalink Communications	Walnut, CA	909-444-2800	crystalink.com	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150	\$1.50	-	-
Delta Internet Services	Anaheim, CA	714-490-2000	delta.net	UUNET	45.000	1800	Yes	Yes	\$19.95	-	-	-	-
DigiLink Network Services	Marina del Rey, CA	310-577-9450	digilink.net	MCI	10.000	391	Yes	Yes	-	-	-	-	-
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
DirectNet	Los Angeles, CA	213-383-3144	directnet.com	UUNET	1.544	192	Yes	Yes	\$20.00	-	-	-	-
DiscoverNet	Redlands, CA	909-335-1209	discover.net	MCI	18.000	1230	Yes	Yes	\$19.95	-	-	-	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
E-ZNET	Los Angeles, CA	213-738-9284	e-znet.com	CIX	1.544	20	No	No	\$24.95	-	-	-	-

ElectriCiti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-	-
Fishnet Internet Services Inc	Ventura, CA	805-650-1844	fishnet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-
Flamingo Communications Inc	Torrance, CA	310-320-4886	fcom.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-	-
Franklin InterNet	Westlake Village, CA	805-373-8688	ftel.net	MCI	45.000	1550	Yes	Yes	\$15.00	-	-	-	-	-
GlassCity Internet, Inc.	Toledo, OH	888-452-7763	glasscity.net	Sprint	3.088	720	Yes	Yes	\$15.95	-	-	-	-	-
GLOBAL INTERNET	Orange, CA	714-937-5500	globalpac.com	AGIS/ATMnet/UUNET	12.352	1175	Yes	Yes	\$13.99	-	-	13.99	-	RockK56flex
Grapevine Internet Services	Santa Clarita, CA	805-260-2882	thevine.net	Sprint	1.544	64	No	No	\$19.95	-	-	-	-	-
Hotel California BBS	Artesia, CA	310-407-1321	kincyb.com	MAE West	0.099	9999	No	No	\$25.00	-	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-	-
ICC	Newbury Park, CA	805-498-4320	iccas.com	BBN	1.544	32	Yes	Yes	\$8.00	-	-	-	-	-
Ikonet	Los Angeles, CA	213-286-2001	ikonet.com	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	-	x2/RockK56flex
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-	-
Instorm Computer Solutions	Ventura, CA	805-644-2670	instorm.net	MCI	0.099	9999	Yes	Yes	\$21.95	-	-	-	-	-
IntelNet Communications Inc	Irvine, CA	714-851-8250	intelenet.net	Sprint/MCI/BBN	45.000	250	Yes	Yes	-	-	-	-	-	-
InterNex	Santa Clara, CA	408-327-2388	internex.net	AGIS/MCI/Sprint	0.099	9999	No	Yes	-	-	-	-	-	-
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	\$29.99	100	\$1.00	-	-	-
Interline Communication Group	Torrance, CA	310-257-0960	interline.net	BBN	0.099	9999	Yes	Yes	\$19.90	-	-	-	-	-
Internet Business Services Inc	Anaheim, CA	714-635-9777	4ibs.com	CWIX	15.632	23	Yes	Yes	-	-	-	24.95	x2/RockK56flex/LucK56flex	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	-	-	-	-	-
Internet of Orange County	Anaheim, CA	714-530-4254	ioc.net	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-	-
InternetConnect	Los Angeles, CA	213-637-3485	internetconnect.net	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-	-
Intonet Inc	Beverly Hills, CA	310-226-8674	intonet.net	CIX	1.544	29	No	Yes	\$19.95	-	-	-	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	-	x2/RockK56flex
JetLink Systems	Ventura, CA	805-658-3600	jetlink.net	Sprint	1.544	244	Yes	Yes	\$20.00	-	-	-	-	-
JovaNet Communications Inc	Marina del Rey, CA	310-577-5800	jovanet.com	MCI	45.000	35	No	No	\$19.95	200	\$1.00	-	-	-
KNet Services	Los Angeles, CA	213-462-1909	k-net.net	UUNET	1.544	106	Yes	Yes	\$19.95	-	-	-	-	-
Kaiwan Corp	Irvine, CA	714-260-8888	kaiwan.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-	-
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	-	-	9.99	-	RockK56flex/LucK56flex
L.A. Bridge Inc.	Santa Monica, CA	310-450-5686	labridge.com	MCI	10.000	20	No	Yes	\$19.95	-	-	-	-	-
LOL Media / Eden BBS	Newport Beach, CA	714-548-7598	edenbbs.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-	-
Leonardo Internet	Santa Monica, CA	310-395-5500	leonardo.net	MCI	0.099	9999	Yes	Yes	\$18.33	-	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-	-
LinkOnline Network	Los Angeles, CA	213-251-1500	linkonline.net	UUNET	45.000	500	No	Yes	\$19.95	-	-	-	-	-
Linkline Internet Access Inc	Mira Loma, CA	909-685-2000	linkline.com	AGIS	10.000	182	Yes	Yes	\$14.95	-	-	-	-	-
Los Nettos	Marina del Rey, CA	310-822-1511	los-nettos.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-
MainNet	Culver City, CA	310-670-9995	mainnet.net	AGIS	1.544	260	Yes	Yes	\$9.99	-	-	-	-	-
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-
MriINTER.NET	Manhattan Beach, CA	310-320-2226	mrinter.net	Sprint	0.099	9999	No	Yes	\$19.50	-	-	-	-	-
Nayzak Communications	Anaheim, CA	714-520-8384	nayzak.com	MCI	1.544	300	Yes	No	\$14.95	-	-	-	-	-
NetSol Technologies	Walnut, CA	909-869-6455	netsol.net	AGIS/PSINet	3.088	150	Yes	No	\$15.00	-	-	-	-	-
Netus, Inc.	Orange, CA	714-288-9598	netus.com	AGIS/DIGEX/MCI	45.000	17	Yes	Yes	\$150.00	-	-	-	-	-
Network Communications	Los Angeles, CA	310-442-1530	network.net	MCI	1.544	55	No	No	\$19.95	-	-	-	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5	\$2.00	-	-	-
Network Sciences	Los Angeles, CA	310-208-7233	linkeasy.net	BBN	1.544	364	Yes	Yes	\$17.95	-	-	-	-	-
NodeWarrior Networks Inc	Marina del Rey, CA	310-574-5302	nodewarrior.net	MCI	45.000	-	Yes	No	-	-	-	-	-	-
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	-	-	18.95	-	x2
OmniComm BBS	Lakewood, CA	562-938-9444	ocis.com	DataXchange	1.544	25	No	No	\$18.00	-	-	-	-	-
OneGlobe.Net	Long Beach, CA	562-495-6400	oneglobe.net	Sprint	1.544	23	No	No	\$19.95	-	-	-	-	-
ONLY MULTIMEDIA NETWORK	Los Angeles, CA	213-964-4900	only.com	MCI	3.088	740	No	Yes	\$10.00	-	-	49.95	-	x2
Outernet Connection Strategies	Austin, TX	512-206-0527	outer.net	Sprint/BBN/MCI	4.632	92	Yes	Yes	-	-	-	-	-	-
PCS	Norwalk, CA	562-483-6828	cyberpcs.com	AGIS	4.632	288	Yes	No	\$12.95	-	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-
Paradomain Corp	Fullerton, CA	714-449-9408	pdn.net	MCI	0.099	9999	No	No	\$18.95	-	-	-	-	-
Quantum Networking Solutions Inc	Palmdale, CA	805-538-2028	qnet.com	BBN	0.099	9999	No	Yes	\$21.95	200	\$0.50	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
818 Area Code ♦ CALIFORNIA													
QuickNet - ICG Inc	Newport Beach, CA	714-852-2100	quick.net	AGIS	45.000	512	Yes	No	\$20.00	-	-	-	-
SIMPLY INTERNET	San Diego, CA	619-565-7873	inetworld.net	CRL	1.544	286	No	Yes	\$15.76	-	-	-	-
SkyTier Networks LLC	Anaheim, CA	714-701-1310	skytier.net	MCI	1.544	36	Yes	Yes	\$15.95	-	-	-	-
SoftAware	Marina del Rey, CA	310-305-0275	softaware.com	GoodNet	45.000	-	Yes	No	-	-	-	-	-
SouthWest Nineteen Networks	Anaheim, CA	714-991-1919	snni.com	CRL	1.544	142	No	Yes	\$20.00	-	-	-	-
Southland Internet Services	Fullerton, CA	714-441-3000	southland.net	MCI	1.544	30	No	No	\$20.00	-	-	-	-
Star Tech Communications	Diamond Bar, CA	909-396-4225	stbbs.com	AGIS	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
StarLink	Orange, CA	714-782-0515	starlinknet.net	Sprint	0.099	9999	Yes	No	\$19.50	-	-	-	-
SureNet Corp	Manhattan Beach, CA	310-414-3330	sure.net	MCI	3.080	400	Yes	No	\$19.95	-	-	-	-
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	tcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
TIOcom	Laguna Niguel, CA	714-348-2957	tio.com	MCI	1.544	240	Yes	Yes	\$20.00	-	-	-	-
TST ON RAMP	Pomona, CA	909-620-7724	tstonramp.com	ATMnet	1.544	260	Yes	Yes	\$19.95	-	-	19.95	RocK56flex
The Data Depot	Los Angeles, CA	213-663-9127	datadepot.com	Sprint/AGIS	4.632	500	Yes	Yes	\$15.00	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
The Loop	Los Angeles, CA	213-465-1311	loop.com	CRL	0.099	9999	No	No	\$12.99	-	-	-	-
The Mac Pros	El Segundo, CA	310-726-0555	macpros.com	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.50	-	-
VGS NetMedia Corp	Los Angeles, CA	310-915-6143	vgs.com	MCI	1.544	64	No	Yes	\$14.95	-	-	-	-
VINET COMMUNICATIONS, INC.	Westminster, CA	714-418-0899	vinet.com	CRL	1.544	192	No	No	\$16.95	-	-	24.95	x2
ViaNet Communications	Mountain View, CA	310-826-1173	via.net	UUNET/GoodNet/CIX	14.632	60	Yes	Yes	\$30.00	200	\$1.00	-	-
Vision Internet Providers Inc	Los Angeles, CA	310-656-3100	netvip.com	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	-	20.00	x2/RocK56flex/LucK56flex
Vivid Internet Production	Walnut, CA	909-595-9988	vividnet.com	AGIS	1.544	300	Yes	No	\$15.00	-	-	-	-
WARENET	Mission Viejo, CA	714-348-3295	ware.net	MCI	45.000	106	Yes	Yes	\$50.00	-	-	50.00	x2
West.Net Communications Inc	Santa Barbara, CA	805-892-2133	west.net	MCI	0.099	9999	Yes	Yes	\$22.00	-	-	-	-
Western DataCom	Orange, CA	714-712-9050	wdc.net	MCI	0.099	9999	No	No	\$9.95	15	\$1.00	-	-
Wincom Internet Services Inc	Los Angeles, CA	213-389-9417	wc.net	MCI	0.099	9999	No	Yes	\$24.00	-	-	-	-
Winteractive Communications	Fountain Valley, CA	714-378-3768	winteractive.com	UUNET	3.088	20	No	No	\$15.00	-	-	-	-
Worldsite Networks	Beverly Hills, CA	310-967-8000	worldsite.net	CRL	45.000	50	Yes	No	\$19.95	-	-	-	-

819 Area Code ♦ QUEBEC

BVX International Inc	Hull, QC	819-770-9604	bvx.ca	MCI	45.000	15	No	No	\$5.00	10	\$0.50	-	-
BABILLARD SYNAPSE INC	Gatineau, QC	819-561-1697	synapse.net	iSTAR	1.544	48	No	Yes	\$30.00	100	\$0.50	30.00	LucK56flex
CACTUS COMMUN. INTERNET	Hull, QC	819-778-0313	cactuscom.com	Sprint	4.632	120	No	Yes	\$24.95	-	-	24.95	RocK56flex
Concepta Communication Inc	Trois-Rivieres, QC	819-378-8362	concepta.com	iSTAR	1.544	112	No	No	\$14.95	30	\$0.50	-	-
Infoteck Internet	Trois-Rivieres-Ouest, QC	819-370-3232	infoteck.qc.ca	MCI	1.544	150	No	No	\$24.95	-	-	-	-
Interlinx Inc	Sherbrooke, QC	819-565-9779	interlinx.qc.ca	iSTAR	0.099	9999	No	No	\$8.49	10	\$1.00	-	-
Internaute Laurentides	Ste-Agathe-des-Monts, QC	819-326-8888	intlaurontides.qc.ca	MCI	0.099	9999	No	No	\$30.00	30	\$1.00	-	-
Omnimage	Gatineau, QC	819-776-4438	vli.ca	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Services Internet ABACOM	Sherbrooke, QC	819-820-2929	abacom.com	iSTAR	0.099	9999	No	Yes	\$9.95	20	\$0.85	-	-
A + B Computer Systems	Ottawa, ON	613-739-5937	ab.org	Sprint	1.544	28	No	Yes	\$39.00	75	\$1.80	-	-
Achilles Internet Limited	Nepean, ON	613-723-6624	achilles.net	iSTAR	1.544	322	Yes	Yes	\$25.00	50	\$0.50	-	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-
Canadian Sport & Fitness Admin	Gloucester, ON	613-748-5627	cdnsport.ca	iSTAR	0.099	9999	No	No	\$25.00	50	\$1.00	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Comnet Communications	Ottawa, ON	613-233-2266	comnet.ca	iSTAR	0.099	9999	No	No	\$23.90	100	-	-	-
CyberPlus Technologies Inc	Gloucester, ON	613-749-8598	cyberplus.ca	iSTAR	0.128	50	No	No	\$15.00	25	\$0.50	-	-
Cyberus Online Inc	Ottawa, ON	613-233-1215	cyberus.ca	iSTAR	0.099	9999	No	Yes	\$3.95	5	\$2.00	3.95	-

Direct Internet Access	Ottawa, ON	613-742-9638	direct-internet.net	Sprint	45.000	30	No	No	\$25.00	100	\$0.75	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-
I-Net Direct Ltd	Russell, ON	613-445-0739	inetdirect.com	MCI	3.088	100	No	No	\$29.95	-	-	-	-
INTRANET Technologies Inc	Ottawa, ON	613-233-7455	intranet.ca	Sprint	0.099	9999	Yes	Yes	\$29.95	90	\$0.75	-	-
IOSPHERE INTERNET INC.	Ottawa, ON	613-236-8601	iosphere.net	Sprint	1.544	400	No	Yes	\$14.95	30	\$0.50	14.95	RocK56flex
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-
MAGMA COMMUNICATIONS LTD	Nepean, ON	613-228-3565	marmacom.com	iSTAR/UUNET	3.088	408	No	Yes	\$25.00	60	\$0.50	25.00	RocK56flex
Metrix Interlink	Montreal, QC	514-875-0010	interlink.net	ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-	-	-	-
RISQ	Montreal, QC	514-840-1230	risq.qc.ca	MCI	20.000	-	Yes	No	-	-	-	-	-
Reseau Internet Quebec Inc	Quebec, QC	418-521-2884	riq.qc.ca	MCI	0.099	9999	Yes	Yes	\$39.95	55	\$1.00	-	-
Storm internet Services	Ottawa, ON	613-567-6585	storm.ca	Sprint	1.544	207	No	Yes	\$15.00	30	\$5.00	-	-
Together Networks	Burlington, VT	802-862-2030	together.net	Sprint	6.176	1125	No	Yes	\$19.95	-	-	-	-

830 Area Code ♦ TEXAS

DelRio.com	del Rio, TX	210-775-0196	delrio.com	CRL	1.544	60	No	No	\$19.95	-	-	-	-
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847 Area Code ♦ ILLINOIS

CCI	Des Plaines, IL	847-635-5151	net-cci.com	Nap.Net	44.300	32	Yes	No	\$9.95	-	-	-	-
Caliber Connections Corp	Mundelein, IL	847-837-7873	calcon.net	DIGEX	1.544	30	No	No	\$15.00	-	-	-	-
COMPUTERESE INFORM. NTWK.	Hoffman Estates, IL	847-310-1188	cin.net	Sprint/MCI	29.000	2996	Yes	Yes	\$19.95	-	-	29.95	x2/RocK56flex/LucK56flex
Cyberbiz, LLC	Highland Park, IL	847-433-0100	cyberbiz.net	Nap.Net	10.000	-	Yes	No	-	-	-	-	-
DLS Computer Services Inc	Algonquin, IL	847-854-4799	dls.net	MCI	3.088	32	Yes	Yes	\$14.99	-	-	-	-
Fox Valley Internet	Elgin, IL	847-742-4623	foxvalley.net	Nap.Net	0.099	9999	Yes	Yes	\$15.95	-	-	-	-
I Connection Inc	Waukegan, IL	847-662-0877	iconnect.net	MAE West	1.544	100	Yes	No	\$25.00	250	-	-	-
ICS Solutions, Inc.	Schaumburg, IL	847-352-6774	icss.com	AGIS	3.088	24	Yes	No	\$20.00	100	\$1.00	-	-
InterGlobal Communications	Chicago, IL	847-298-9933	igcom.net	MCI	3.088	124	Yes	Yes	\$16.95	240	-	-	-
InterWeb Communications	Round Lake, IL	847-740-9370	iwc.net	AGIS	1.544	22	Yes	Yes	\$19.95	-	-	-	-
Interactive Network Systems Inc	Highland Park, IL	847-266-5600	insnet.com	DataXchange	1.544	80	Yes	Yes	\$25.00	-	-	-	-
Internet Chicago	Mt Prospect, IL	847-228-1717	icsp.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
INTERNET DIRECT	Schaumburg, IL	847-524-4700	i-netdirect.net	AGIS	1.544	60	No	No	\$14.95	-	-	24.95	x2
Lakeland Net Direct	Grayslake, IL	847-223-8199	lnd.com	AGIS	1.544	754	No	No	\$19.95	-	-	-	-
Linkom Inc	Buffalo Grove, IL	847-533-2408	linkom.net	AGIS	0.128	12	No	Yes	\$14.90	-	-	-	-
McHenryCom Co	Cary, IL	847-516-5700	mc.net	UUNET	45.000	1392	Yes	Yes	\$19.95	240	-	-	-
NetSight	Northbrook, IL	847-559-0880	netsight.net	MCI	1.544	36	Yes	Yes	\$25.00	-	-	-	-
PYROtechnics Inc	Palatine, IL	847-991-9345	pyrotechnics.com	DataXchange	0.099	9999	No	No	\$15.00	-	-	-	-
StarNet Inc	Palatine, IL	847-202-0099	starnetinc.net	UUNET/MCI	3.088	696	Yes	Yes	\$19.50	-	-	-	-
Technology Interface Inc	Arlington Heights, IL	847-342-3050	techinter.com	Sprint	3.088	324	Yes	Yes	\$19.95	-	-	-	-
WinkComm	Hoffman Estates, IL	847-310-9465	winkcomm.com	UUNET/MCI	3.088	24	No	Yes	-	-	-	-	-
wyndows techknow	Glenview, IL	847-729-7522	techknow.com	MCI	1.544	16	No	No	\$9.67	-	-	-	-
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240	\$1.50	19.95	RocK56flex
Allways, Inc.	Westmont, IL	630-971-9866	dpliv.com	MCI	0.099	9999	No	Yes	\$15.95	-	-	-	-
AMERICAN COMM & ENT NTWK.	Chicago, IL	312-808-9600	acen.net	BBN	45.000	507	Yes	Yes	\$5.95	-	-	5.95	x2
American Information Systems Inc	Chicago, IL	312-255-8500	ais.net	MCI/Sprint/UUNET/CWIX	0.099	9999	Yes	Yes	\$22.50	200	\$2.00	-	-
AMERICAN INTERMAXX	Mc Henry, IL	815-385-7240	imaxx.net	UUNET/MCI	3.088	740	Yes	Yes	\$15.95	-	-	15.95	x2
Ameritech	Chicago, IL	312-255-8500	ameritech.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
Aquila Internet Services	Aurora, IL	630-820-0480	aquila.net	Sprint	1.544	54	Yes	Yes	\$19.95	20	\$2.00	-	-
AXON DATA SYSTEMS	Downers Grove, IL	630-595-5096	axnet.com	MCI	0.099	9999	Yes	Yes	\$14.00	-	-	14.00	x2
CICNet	Ann Arbor, MI	313-998-6103	cic.net	MCI/DIGEX	45.000	-	Yes	No	-	-	-	-	-
CHICAGONET	Carol Stream, IL	773-762-1002	chicagonet.net	GoodNet/MCI	45.000	3408	Yes	Yes	\$9.95	-	-	17.95	x2/RocK56flex/LucK56flex
CyberConnect of Chicago	Chicago, IL	312-622-5300	cyberconnect.com	Sprint	1.544	44	Yes	No	\$20.00	-	-	-	-
CYCOM COMMUNICATIONS CORP	Naperville, IL	630-961-1234	cyc.com.net	CIX/UUNET	4.632	200	Yes	No	\$19.95	-	-	19.95	x2

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
847 Area Code ♦ ILLINOIS													
DATAFLO INC	Wood Dale, IL	630-860-4578	dataflo.net	MCI	3.088	210	No	Yes	\$20.00	-	-	20.00	x2
Digital Interplay Inc	Chicago, IL	773-743-9843	digiplay.com	Nap.Net	1.544	10	No	No	\$19.95	100	\$1.00	-	-
EZ Networks, Inc.	Chicago, IL	312-230-9600	eznetinc.net	UUNET	0.099	9999	Yes	No	\$10.95	-	-	10.95	-
Electrinet Internet Services	Chicago, IL	773-889-3757	electrinet.com	BBN	1.544	32	No	No	\$19.95	24	-	-	-
Electro Link Network Inc	Elburn, IL	630-365-0807	elnet.com	AGIS	1.544	87	Yes	Yes	\$19.95	-	-	-	-
EnterAct L.L.C.	Chicago, IL	773-248-8511	enteract.com	MAE West	10.000	472	Yes	Yes	\$5.00	5	\$1.00	-	-
FORWARD NETWORK COMMUN.	Chicago, IL	773-395-0023	theforward.net	BBN/Nap.Net	6.176	98	Yes	Yes	\$20.00	-	-	25.00	x2
Hamilton & Bond	Glen Ellyn, IL	630-469-0071	marketus.net	MCI	45.000	8	No	No	\$21.95	-	-	-	-
IQuest Internet Inc.	Indianapolis, IN	317-259-5050	iquest.net	UUNET/BBN	0.099	9999	Yes	No	\$20.00	-	-	-	-
Infinite Data Source	Alexandria, VA	703-642-5121	idsonline.com	MAE East	45.000	1500	Yes	Yes	\$15.00	-	-	-	-
InfoRamp Inc	Cicero, IL	708-222-6666	theramp.net	MCI	3.088	650	Yes	Yes	\$19.95	-	-	-	-
IntelliSTAR	Orlando, FL	407-896-4882	intellistar.net	Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
InterAccess Co	Chicago, IL	312-496-4400	interaccess.com	Sprint	0.099	9999	Yes	Yes	\$20.95	-	-	-	-
InterVision Inc	Chicago, IL	312-266-8100	mbisi.net	MAE West	45.000	-	Yes	No	-	-	-	-	-
INTERNET 1ST INC	Fenton, MO	314-349-6022	i1.net	UUNET/Nap.Net/CRL	45.000	722	Yes	Yes	\$20.00	-	-	20.00	LucK56flex
Internet Connect Inc	Wauwatosa, WI	414-476-4266	inc.net	BBN/Sprint	45.000	-	Yes	No	-	-	-	-	-
Internet Illinois	Geneva, IL	630-513-1033	inil.com	MCI	3.088	1092	Yes	Yes	\$20.00	-	-	-	-
Kwom Communications Inc	Glen Ellyn, IL	630-253-3568	kwom.com	AGIS	0.099	9999	No	Yes	\$25.00	-	-	-	-
MSGNet	Chicago, IL	312-901-4143	msg.net	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
MCCARTY TECHNOLOGIES, INC	Saint Charles, IL	630-443-0061	microthought.com	BBN	1.544	1015	Yes	Yes	\$15.00	-	-	15.00	x2
MEGSINET INC	Chicago, IL	312-245-9015	megsinet.net	MCI/Nap.Net/GoodNet	45.000	2640	Yes	Yes	\$9.95	-	-	14.95	RocK56flex
Millennia Internet	Chicago, IL	312-341-0192	miint.net	UUNET	1.544	132	Yes	Yes	\$20.00	-	-	-	-
NETWave Internet	Lombard, IL	708-889-2383	netwave.net	UUNET	0.099	9999	Yes	No	\$16.95	-	-	-	-
NETSOURCE COMMUNICATIONS	Naperville, IL	630-778-1212	ntsource.com	MCI	1.544	94	Yes	Yes	\$19.95	-	-	19.95	x2
Open Business Systems Inc	Addison, IL	708-916-7570	obs.net	MCI	0.099	9999	Yes	No	\$20.00	-	-	-	-
ORBITEL COMMUNICATIONS INC	Orland Park, IL	708-460-8686	orbitel.com	MCI/AGIS/Nap.Net	3.600	148	Yes	No	\$25.00	-	-	29.95	x2/RocK56flex
Pinnacle Communications Inc	Addison, IL	630-932-8751	pincom.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
RIPCO COMMUNICATIONS INC	Chicago, IL	773-477-6210	ripco.com	UUNET	1.544	137	Yes	Yes	\$15.00	-	-	100.00	LucK56flex
Sun Valley Software Ltd	Lisle, IL	630-983-0889	svs.com	UUNET	1.544	106	Yes	Yes	\$25.00	155	\$1.00	-	-
Synergistic Networks Inc	Elmhurst, IL	630-993-0460	syn.net	Sprint	1.544	48	Yes	Yes	\$20.00	-	-	-	-
Synet Inc	Downers Grove, IL	630-271-1500	synet.net	MCI	1.544	50	Yes	No	\$19.95	-	-	-	-
The Planet Group Inc	Chicago, IL	773-772-8333	pg.net	BBN/CIX	3.088	378	Yes	Yes	\$25.00	-	-	45.00	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-
ThoughtPort Authority of Chicago	Chicago, IL	773-862-6870	tpa.net	AGIS	1.544	48	Yes	Yes	-	-	-	-	-
USHost Inc	Chicago, IL	773-442-2250	ushost.com	MCI	1.544	20	Yes	Yes	-	-	-	-	-
WorldWide Access	Chicago, IL	312-803-9921	wwa.com	MAE West/MAE East	45.000	812	Yes	Yes	\$25.00	-	-	-	-
WORLDWIDE GRAPEVINE, INC.	Lenexa, KS	913-894-8170	wwi.net	MCI/SAVVIS	9.088	790	Yes	Yes	\$19.95	-	-	19.95	x2
XNet Information Systems	Lisle, IL	630-983-6064	xnet.com	Sprint/MCI/Nap.Net	45.000	400	Yes	Yes	\$20.00	186	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

860 Area Code ♦ CONNECTICUT

99main Internet Services	Norwich, CT	860-823-6227	99main.com	Sprint	1.544	40	No	Yes	\$17.95	-	-	-	-
ant-web.net	Plainville, CT	860-793-0857	ant-web.net	UUNET	1.544	100	Yes	No	\$18.95	-	-	-	-
CAC-BBS	Norwich, CT	860-889-6786	cac-bbs.com	MCI	1.544	60	No	Yes	\$17.95	-	-	-	-
COMPUTER SOLUTIONS, INC	Torrington, CT	860-482-0600	compsol.net	MCI	1.544	300	No	No	\$14.99	-	-	19.99	x2
Connecticut Internet Co	Glastonbury, CT	860-633-7308	connico.net	MCI	1.544	10	No	No	\$19.95	-	-	-	-
Connix	Middlefield, CT	860-349-7059	connix.com	UUNET/Sprint	4.632	569	Yes	Yes	\$16.50	120	\$0.75	-	-
CYBERZONE COMMUNICATIONS	Plainfield, CT	860-564-7400	cyberzone.net	MCI/Sprint/UUNET	45.000	3690	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
DIVERSIFIED TECHNOLOGIES	Hartford, CT	860-244-8111	dtg.net	MCI	3.088	92	No	Yes	\$19.95	-	-	35.00	x2
ESSLink	Canton, CT	860-693-2448	esslink.com	UUNET	3.088	528	No	No	\$20.00	-	-	-	-

Hartford Courant	Hartford, CT	860-241-3970	courant.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
IMAGINE.COM	Hartford, CT	860-527-9245	imagine.com	Sprint/UUNET	3.088	91	Yes	Yes	\$20.00	-	-	35.00	x2
NECAnet Inc	Storrs Mansfield, CT	860-429-2035	neca.com	Sprint/MCI	4.632	160	Yes	No	\$19.95	75	\$1.00	-	-
NETPLEX	Hartford, CT	860-233-1111	ntplx.net	GoodNet/Sprint	45.000	338	Yes	Yes	\$15.00	-	-	15.00	x2
NetWorks Online Services	Wethersfield, CT	860-721-9617	nworks.com	Sprint	0.336	8	No	No	\$20.00	-	-	-	-
NORTH AMERICAN INTERNET	Newington, CT	860-953-4638	nai.net	MCI	6.176	1744	Yes	No	\$17.95	-	-	17.95	x2
SUPER COLLIDER	W Hartford, CT	860-561-3103	collider.com	UUNET	1.544	78	No	Yes	\$19.95	-	-	19.95	x2
Uconnects LLC	Waterford, CT	860-437-0313	uconnect.net	MCI	3.088	287	Yes	Yes	\$16.95	-	-	-	-
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
CyberShore Inc	Madison, CT	203-245-1175	cshore.com	BBN	1.544	40	Yes	Yes	\$10.95	20	\$1.00	-	-
East Coast Internet Inc	Danbury, CT	203-207-3230	eci.com	BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-
EDGENET	Westerly, RI	401-348-6000	edgenet.net	BBN	45.000	826	Yes	Yes	\$18.95	-	-	18.95	RocK56flex/LucK56flex
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
i-connn LLC	New Haven, CT	203-821-2575	iconnn.net	Sprint/MCI	3.088	300	No	No	\$49.95	-	-	-	-
JPS Online Systems	Westerly, RI	401-596-7341	riconnct.com	BBN	1.544	52	No	Yes	\$9.95	15	\$1.00	-	-
Log On America	Providence, RI	401-453-6100	loa.com	MCI	0.099	9999	No	Yes	\$19.99	125	\$1.00	-	-
Mr. Wizard Network Services	Shelton, CT	203-922-1528	mrwizard.com	Sprint	1.544	32	Yes	No	\$19.95	-	-	-	-
North American Internet Service	Centerport, NY	516-757-1880	nais.com	UUNET	0.099	9999	Yes	Yes	\$13.95	-	-	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
Paradigm Communications Inc	Cheshire, CT	203-250-7397	pcnet.com	Sprint/MCI	3.088	180	No	No	\$29.00	100	\$1.00	-	-
RECOL, LLC	New Haven, CT	203-776-4874	recol.net	MCI	3.088	16	Yes	Yes	-	-	-	-	-
Southern New England TelCo	New Haven, CT	203-694-0035	snet.net	UUNET/Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
WEB SOLUTIONS	Woodbridge, CT	203-389-7095	websolutions.com	Sprint	1.544	64	Yes	Yes	\$25.00	45	\$1.00	65.00	x2
Wing Net	Woburn, MA	617-932-8500	wing.net	UUNET/Sprint/MCI	4.632	-	Yes	No	-	-	-	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-

864 Area Code ♦ SOUTH CAROLINA

ACSinc.NET	Greenville, SC	864-467-1333	acsinc.net	MCI	0.099	9999	No	Yes	\$29.00	200	\$1.00	-	-
Applied InterNet Solutions, Inc	Greenwood, SC	864-227-0140	ais-gwd.com	Sprint	1.544	13	No	No	\$25.00	-	-	-	-
Carolina Online, Inc	Anderson, SC	864-375-0600	carol.net	MCI/Sprint	3.088	400	Yes	Yes	\$19.99	60	\$2.00	-	-
Custom Computer Designs	Anderson, SC	864-224-4845	ccdbbs.com	Sprint	0.480	4	No	No	\$15.00	180	-	-	-
Emerald Internet Services	Greenwood, SC	864-942-9600	emeraldis.com	MCI	1.544	88	No	No	\$24.95	-	-	-	-
GLOBAL VISION INC	Greenville, SC	864-241-0901	globalvision.net	Sprint	1.544	100	Yes	Yes	\$35.00	200	-	49.00	LucK56flex
Innova Communications LLC	Clemson, SC	864-653-4638	innova.net	UUNET	0.099	9999	Yes	No	\$19.95	40	\$0.75	-	-
Internet of Spartanburg	Spartanburg, SC	864-503-8833	spartanburg.net	MAE East	1.544	92	Yes	Yes	\$18.95	-	-	-	-
Main Street Internet	Spartanburg, SC	864-585-0660	mainstr.net	UUNET	1.544	20	Yes	Yes	\$25.00	80	\$3.00	-	-
Teleplex Communications Inc	Spartanburg, SC	864-585-7539	teleplex.net	MCI	0.099	9999	Yes	No	\$29.95	-	-	-	-
x-net	Seneca, SC	864-985-1225	x-net.net	Sprint	1.544	20	No	No	\$19.95	-	-	-	-
Conterra Communications Inc	Columbia, SC	803-733-2993	conterra.com	MCI	3.088	75	Yes	No	\$19.95	150	\$0.25	-	-
Interlan Communications	Raleigh, NC	919-852-0690	ilan.net	CRL/MCI	4.688	20	Yes	Yes	-	-	-	-	-
Interpath	Raleigh, NC	919-890-6300	interpath.net	Sprint	0.099	9999	Yes	Yes	\$29.00	-	-	-	-
NetDepot Inc	Smyrna, GA	770-434-5595	netdepot.com	Sprint	11.544	113	Yes	Yes	\$25.00	-	-	-	-
The Netside Network	Irmo, SC	803-732-7757	netside.com	MCI	6.176	475	Yes	Yes	\$20.00	-	-	-	-

901 Area Code ♦ TENNESSEE

A2ZNET	Collierville, TN	901-854-1871	a2znet.com	MCI	1.544	32	No	No	\$19.95	-	-	25.00	x2
ATS Telephone & Data Sys Inc	Memphis, TN	901-797-3000	atstel.com	Sprint	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
Aeneas Internet Services	Jackson, TN	901-425-9200	aeneas.net	BBN	0.099	9999	Yes	No	\$24.95	40	-	-	-
Electronic Communication Systems	Dyersburg, TN	901-285-5936	ecsis.net	MCI	1.544	96	No	Yes	\$22.95	-	-	-	-
Infocomm	Memphis, TN	901-372-8266	nfocomm.com	MCI	0.128	8	No	No	\$15.00	-	-	-	-
Internet Connection Services	Memphis, TN	901-362-3008	icserve.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-	-	100.00	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
901 Area Code ♦ TENNESSEE													
Internet Services of West Tennessee	Rutherford, TN	901-665-6124	iswt.com	BBN	1.544	275	Yes	Yes	\$23.95	100	-	-	-
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-	-	-	-
MAGIBOX INC	Memphis, TN	901-452-7555	magibox.net	MCI	3.088	230	Yes	Yes	\$25.00	-	-	25.00	Rock56flex
Synapse LLC	Memphis, TN	901-797-8274	mem.net	MCI	0.099	9999	Yes	Yes	\$29.95	-	-	-	-
T-Net	Memphis, TN	901-578-7020	netten.net	Sprint	1.544	156	No	Yes	\$17.95	-	-	-	-
Access U.S. Inc	Swansea, IL	618-257-2080	accessus.net	Sprint/SAVVIS	45.000	1638	Yes	Yes	\$19.95	-	-	-	-
ALABAMA ONLINE INC	Birmingham, AL	205-870-1242	alonline.com	MCI/Sprint	44.776	207	No	Yes	\$19.95	-	-	24.95	x2
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
BluegrassNet	Louisville, KY	502-589-4638	bluegrass.net	AGIS	3.088	1076	Yes	Yes	\$18.75	200	\$0.25	-	-
Compu-Net Enterprises	Clarksville, TN	615-553-0677	compu.net	BBN	3.152	3	Yes	Yes	\$20.00	100	\$50.00	-	-
CyberData Communications	Forrest City, AR	501-633-8665	tosconet.com	UUNET	45.000	256	Yes	No	\$29.95	200	\$0.99	-	-
Electrotex Inc	Houston, TX	713-526-3456	electrotex.com	Sprint	0.099	9999	No	Yes	\$20.95	-	-	-	-
GROUND ZERO COMMUN. INC.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
HTS/Chattanooga Online	Chattanooga, TN	423-267-8867	chattanooga.net	Sprint/GoodNet	45.000	400	Yes	Yes	\$20.00	80	\$1.00	-	-
IPA - IntelliNet	Little Rock, AR	501-376-7676	intellinet.com	Sprint/MCI	0.099	9999	Yes	Yes	\$11.95	25	\$0.95	-	-
ISDN-NET	Brentwood, TN	615-371-1625	isdn.net	BBN	3.088	135	Yes	Yes	\$24.95	100	\$1.00	39.95	x2
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
Internet Partners of America	Fort Smith, AR	501-785-0300	ipa.net	MCI/Sprint	3.088	759	Yes	Yes	\$11.95	25	\$0.95	-	-
NetLinx Technologies	Memphis, TN	601-342-6665	netlinx.com	UUNET	3.088	32	No	No	\$19.95	-	-	-	-
PREMIERNET INC	Bowling Green, KY	502-746-9535	premiernet.net	UUNET	3.088	135	Yes	Yes	\$11.95	25	\$1.00	35.00	x2/Rock56flex
United States Internet Inc	Knoxville, TN	423-522-6788	usit.net	Sprint/MCI/MAE East	5.144	2200	Yes	Yes	\$19.95	-	-	-	-
WEBNET INC	Taylor, MI	313-287-0225	webbnet.net	UUNET	45.000	600	Yes	Yes	\$14.95	-	-	14.95	Rock56flex

902 Area Code ♦ NOVA SCOTIA

auracom	Halifax, NS	902-429-0222	auracom.com	MCI	0.099	9999	No	No	\$24.95	60	\$1.50	-	-
Global Linx Internet, Inc.	Kentville, NS	902-678-1900	glinx.com	UUNET	1.544	153	No	No	\$29.95	100	\$0.50	-	-
Island Services Network	Charlottetown, PE	902-892-4476	isn.net	UUNET	0.099	9999	Yes	No	\$25.00	65	\$1.25	-	-
KwikLink Computer Services Ltd	Yarmouth, NS	902-742-5945	klis.com	UUNET	0.256	45	No	No	\$29.95	90	\$1.00	-	-
NavNet Communications	Halifax, NS	902-450-1020	navnet.net	Sprint	1.544	60	No	No	\$15.00	30	\$1.00	-	-
North Shore Internet Services	New Glasgow, NS	902-928-0565	nsis.com	UUNET	0.099	9999	Yes	No	\$24.95	60	\$1.00	-	-
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-
Caspar Computer Services Inc	Mississauga, ON	905-565-0156	caspar.net	MCI	0.256	14	No	Yes	\$20.00	20	\$1.00	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-
Communication Inter-Access	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-

903 Area Code ♦ TEXAS

Bluebonnet Technologies	Mount Pleasant, TX	903-572-1890	bluebonnet.net	MCI	1.544	168	No	No	\$19.95	250	\$1.20	-	-
Cloverleaf Technology	Texarkana, TX	903-832-1367	cleaf.com	UUNET	0.099	9999	Yes	No	\$9.95	-	-	-	-
E-TEX Internet Inc	Jacksonville, TX	903-586-8809	e-tex.com	MCI	1.544	286	Yes	Yes	\$20.95	-	-	-	-
GOWER NET	Tyler, TX	903-597-9220	gower.net	UUNET	1.544	154	No	Yes	\$20.00	-	-	40.00	Rock56flex
Internet Texoma, Inc	Denison, TX	903-465-9331	texoma.net	UUNET	0.099	9999	Yes	Yes	\$19.95	250	-	-	-
INTERNET TYLER	Tyler, TX	903-561-2323	tyler.net	MCI	1.544	1460	Yes	Yes	\$18.95	-	-	29.95	Rock56flex/LucK56flex
Koyote Internet	Commerce, TX	903-886-8767	koyote.com	MCI	0.099	9999	No	No	\$27.95	-	-	-	-
North East Texas Internet	Bonham, TX	903-640-2152	netexas.net	UUNET	1.544	45	Yes	No	\$19.95	-	-	-	-
NorthEast Texas Online Inc	Paris, TX	903-784-1582	neto.com	UUNET	1.024	80	Yes	No	\$25.00	-	-	-	-
Starlink Information Systems, Inc	Texarkana, TX	903-831-7566	slinknet.com	CRL	3.088	193	Yes	Yes	\$19.99	-	-	-	-

Stamet Online Systems	Paris, TX	903-785-5533	1stamet.com	BBN	2.052	120	No	No	\$29.95	-	-	-	-
TexRamp Inc	Longview, TX	903-753-8828	texramp.net	UUNET	1.544	39	No	Yes	\$19.95	120	\$0.95	-	-
The BALLISTIC ActionNet	Tyler, TX	903-533-0584	ballistic.com	UUNET/MCI/Sprint/BBN	6.176	336	Yes	Yes	\$20.95	-	-	-	-
Tupelo Pflash Inc	Corsicana, TX	903-872-1220	pflash.com	UUNET	1.544	26	Yes	No	\$19.95	24	-	-	-
Ultra-Vision	Gun Barrel City, TX	903-887-5278	ultravision.net	UUNET	1.544	60	No	No	\$29.95	-	-	-	-
WEBWIDE NETWORK COMMUN.	Greenville, TX	903-450-8700	webwide.net	MCI/DIGEX	3.088	988	Yes	Yes	\$18.50	-	-	30.00	x2
Charter Communications Intl	Houston, TX	281-486-8337	c-com.net	Sprint	10.808	1100	Yes	Yes	\$29.95	-	-	-	-
Info-Highway International Inc	Houston, TX	281-447-7025	infohwy.com	BBN/UUNET/MCI	4.632	450	Yes	Yes	\$19.95	-	-	-	-
INTERNET AMERICA	Dallas, TX	214-861-2500	airmail.net	UUNET/MAE East/CRL/MCI	45.000	4500	Yes	No	\$19.95	-	-	19.95	x2
Johnson County Internet Srvs	Cleburne, TX	817-556-9557	jci.net	MCI	1.544	188	No	Yes	\$19.95	-	-	-	-
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
Prysm Technologies Inc	Shreveport, LA	318-424-4638	prysm.net	UUNET	1.544	270	Yes	Yes	\$24.95	-	-	-	-
Rapid Ramp Inc	Staten Island, NY	718-967-5713	rapidramp.com	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Real Time Communications	Austin, TX	512-451-0046	realtime.net	MCI/Sprint/UUNET/DIGEX	10.808	434	Yes	Yes	\$19.95	60	\$0.50	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-

904 Area Code ♦ FLORIDA

Advertising Internet Inc	Pensacola, FL	904-476-3527	pensacola.com	MCI	0.099	9999	No	No	\$19.95	60	-	-	-
Aldridge Communications Corp.	St Augustine, FL	904-824-8001	fl-online.com	DIGEX	1.544	26	No	No	\$17.95	-	-	-	-
Amaranth Communications	Pensacola, FL	904-438-1452	amaranth.com	MCI	0.099	9999	No	No	\$19.95	50	\$1.00	-	-
AugLink Communications	Saint Augustine, FL	904-824-1660	aug.com	MCI	3.088	160	Yes	No	\$20.00	-	-	-	-
DAVIS & ASSOCIATES COMM	Jacksonville, FL	904-880-6400	daci.net	Sprint/UUNET/BBN	39.264	4440	Yes	Yes	\$19.95	-	-	19.95	x2
Digital Express	Marianna, FL	904-526-5004	digitalexp.com	Sprint	3.088	168	Yes	No	\$15.95	-	-	-	-
dotSTAR Communications L.C.	Pensacola, FL	904-494-2150	dotstar.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-
ETS Computers	Fort Walton Beach, FL	904-863-9280	arc.net	MCI	1.544	50	Yes	No	\$20.00	120	\$1.00	-	-
Easy Access Internet	Middleburg, FL	904-276-9132	christianchat.net	MCI	1.544	4	No	No	\$10.00	60	\$15.00	-	-
Emerald Coast Internet	Niceville, FL	904-729-7410	emcst.com	Sprint	0.128	20	No	No	\$20.00	-	-	-	-
FIRST COAST ON-LINE INC	Jacksonville, FL	904-633-9888	fccl.com	Sprint	1.544	47	No	No	\$18.95	-	-	30.00	x2
Florida Network Solutions Inc	Gainesville, FL	904-375-8322	fns.net	MCI	0.099	9999	No	No	\$9.95	10	\$1.00	-	-
Frist Coast Internet Services	Lake City, FL	904-755-7755	1st-coast.com	UUNET	0.099	9999	Yes	No	\$19.95	-	-	-	-
GBS Online	Palatka, FL	904-325-0260	gbso.net	MCI	1.544	64	Yes	No	\$19.95	-	-	-	-
Gulf Coast Internet	Pensacola, FL	904-438-5700	gulf.net	Sprint/UUNET	3.088	477	Yes	Yes	\$20.00	-	-	-	-
Gulf Internet Inc.	Perry, FL	904-584-6590	gulfnet.com	Sprint	1.544	26	No	No	\$24.95	150	\$1.50	-	-
HAYES COMPUTER SYSTEMS	Tallahassee, FL	904-297-0551	hcs.net	GridNet	10.808	96	Yes	No	\$19.95	-	-	50.00	Rock56flex
INTERNET HQ, Inc.	Panama City Beach, FL	904-233-4912	beaches.net	BBN	1.544	19998	No	Yes	\$19.95	-	-	-	-
Intercity Oz Inc	Panama City, FL	904-230-8334	interoz.com	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
INTERNET SERVICE GROUP	Lake City, FL	904-755-2128	isgroup.net	MCI	1.544	112	No	Yes	\$24.95	-	-	34.95	Rock56flex
Jax Internet	Jacksonville, FL	904-296-1201	jax-inter.net	UUNET	1.544	300	No	No	\$19.95	-	-	-	-
L&W Communications	Century, FL	904-256-3020	lwcomm.com	BBN	0.056	30	No	No	\$20.00	-	-	-	-
Net Magic Inc	Yulee, FL	904-225-8111	net-magic.net	MCI	1.544	84	No	No	\$19.95	-	-	-	-
NetControl	Daytona Beach, FL	904-226-2260	netctrl.com	MCI/GoodNet	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Network Tallahassee	Tallahassee, FL	904-671-4007	nettally.com	Sprint	1.540	240	No	No	\$15.00	-	-	-	-
News-Journal Corp	Daytona Beach, FL	904-252-1511	n-jcenter.com	Sprint	0.099	9999	No	No	\$14.95	100	\$1.00	-	-
NUCLEUS COMMUNICATIONS	Fort Walton Beach, FL	904-243-3477	nuc.net	Sprint	1.544	112	No	No	\$25.00	60	\$0.50	25.00	LucK56flex
Orbiter Online	Daytona Beach, FL	904-254-0498	orbiter.com	UUNET	3.088	20	No	No	\$5.00	180	-	-	-
PSS InterNet Services Inc	Daytona Beach, FL	904-253-7100	america.com	UUNET	0.099	9999	Yes	No	\$22.95	-	-	-	-
Panacom, Inc	Panama City Beach, FL	904-233-2727	panacom.com	BBN	1.544	80	No	No	\$14.95	-	-	-	-
PENSACOLA INTERNET INC	Pensacola, FL	904-438-3344	pen.net	UUNET/MCI	3.088	160	Yes	No	\$20.00	-	-	20.00	x2
Polaris Network Inc	Tallahassee, FL	904-878-9745	polaris.net	Sprint	1.544	65	No	No	\$24.95	-	-	-	-
Southeast Network Services Inc	Jacksonville, FL	904-350-1969	southeast.net	GoodNet	10.000	517	Yes	Yes	\$19.95	-	-	-	-
St. Augustine Online	Saint Augustine, FL	904-794-6992	staug.com	MCI	1.544	27	No	Yes	\$18.95	-	-	-	-
Supernet	Tallahassee, FL	904-216-1618	supernet.net	Sprint	0.099	9999	No	No	\$30.00	100	\$2.00	-	-
topcat computers	Deltona, FL	904-532-3218	topcat.net	Sprint	1.544	50	No	No	\$20.00	-	-	-	-
Vistech Communications	Tallahassee, FL	904-561-6679	vistech.net	Sprint	0.099	9999	No	No	\$20.00	320	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
904 Area Code ♦ FLORIDA													
WorldWide InterNet Access	Defuniak Springs, FL	904-892-0336	wwia.com	Sprint/MCI	45.000	52	Yes	No	\$20.00	-	-	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-	-
BitStorm, Inc.	Debar, FL	407-668-0670	bitstorm.net	MCI	1.544	96	Yes	No	\$18.00	-	-	-	-
CHENEY COMMUNICATIONS CO	Birmingham, AL	205-942-0713	cheney.net	Sprint	17.720	114	Yes	Yes	\$20.00	40	\$1.00	200.00	x2
Coleman Technologies Inc	Orlando, FL	407-481-8600	ctinet.net	Sprint	0.099	9999	No	Yes	\$18.00	160	\$1.00	-	-
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
CYBERTRON INC	Meridian, MS	601-693-2697	cybertron.com	MCI	3.088	227	Yes	Yes	\$19.95	-	-	29.95	x2
DRA	Saint Louis, MO	314-432-6634	dra.com	Sprint	0.099	-	Yes	No	-	-	-	-	-
Digital Access	Keystone Heights, FL	352-473-2430	daccess.net	Sprint/MCI	3.088	45	Yes	No	\$19.95	-	-	-	-
Dragon Keep International	Gainesville, FL	352-372-0735	dkeep.com	MCI	1.544	40	No	No	\$19.95	-	-	-	-
Dynasty Online Inc	Altamonte Springs, FL	407-339-5559	doi.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-	-
FLORIDA ONLINE	Rockledge, FL	407-635-8888	digital.net	Sprint	45.000	1600	Yes	Yes	\$20.00	150	\$0.50	20.00	x2
Florida digital Turnpike	Gainesville, FL	352-372-5100	fdt.net	UUNET/Sprint	3.088	160	Yes	Yes	\$19.95	-	-	-	-
GAINESVILLE DIRECT NET, INC.	Gainesville, FL	352-371-8401	gdn.net	MCI/UUNET	3.088	1015	No	Yes	\$10.00	-	-	50.00	x2
Global Datalink, Inc.	Orlando, FL	407-841-3690	gdi.net	Sprint	0.099	9999	Yes	Yes	\$14.95	100	\$1.00	18.00	-
Global Net	Orlando, FL	407-894-7672	globalnet.net	ANS	0.099	9999	No	No	\$20.00	-	-	-	-
Global Network Solutions Inc	Debar, FL	407-668-1299	cnlink.com	BBN	1.544	50	No	No	\$19.95	-	-	-	-
GROUND ZERO COMMUN. INC.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	-	17.95	LucK56flex
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
Internet Access Group Inc	Altamonte Springs, FL	407-786-1145	iag.net	Sprint	13.088	708	Yes	Yes	\$19.95	-	-	-	-
Internet Connect Co., Inc.	Gainesville, FL	352-375-2912	atlantic.net	Sprint/MCI	3.088	300	Yes	Yes	\$19.95	-	-	-	-
MagicNet, Inc.	Orlando, FL	407-657-2202	magicnet.net	Sprint	45.000	546	Yes	Yes	\$20.00	99	\$1.00	-	-
MegaBits Computers Inc	Merritt Island, FL	407-453-5900	megabits.net	Sprint	1.544	400	No	No	\$15.95	-	-	-	-
Mercury Communications	Newberry, FL	352-332-1300	mercury.net	Sprint	1.544	111	Yes	No	\$17.95	-	-	-	-
NetPassage Inc	Orlando, FL	407-843-7277	netpass.com	MCI	15.400	120	Yes	No	\$19.95	-	-	-	-
Onet Inc	Lake Mary, FL	407-291-7000	onetinc.com	Sprint	0.099	9999	No	No	\$20.00	-	-	-	-
Orlando Internet Communications, Inc	Orlando, FL	407-384-6422	orlinter.com	UUNET	1.544	40	No	No	\$17.95	-	-	-	-
VectorNet	Gainesville, FL	352-375-8658	vector.net	UUNET	1.544	54	No	No	\$20.00	-	-	-	-
ZEBRA.NET, INC.	Mobile, AL	334-634-1000	zebra.net	Sprint	1.544	519	Yes	Yes	\$16.95	-	-	17.95	x2

905 Area Code ♦ ONTARIO

BigWave Internet Service	Flamborough, ON	905-690-9283	bigwave.ca	MCI	1.544	40	No	No	\$9.95	10	\$0.30	-	-
Burlington Network Services	Burlington, ON	905-632-3977	bserv.com	BellGlobal/UUNET	1.672	300	No	Yes	\$20.00	-	-	-	-
Caninet Communication	Niagara Falls, ON	905-357-7200	caninet.com	Sprint	1.544	36	No	No	\$12.50	10	-	-	-
Caspar Computer Services Inc	Mississauga, ON	905-565-0156	caspar.net	MCI	0.256	14	No	Yes	\$20.00	20	\$1.00	-	-
COMPUTAN INTERNET ACCESS	Thorold, ON	905-984-8388	computan.on.ca	MCI	0.256	112	No	Yes	\$18.50	35	\$1.00	40.00	x2
Daac Systems	Aurora, ON	905-841-4147	dcsnet.com	Sprint	1.544	100	No	No	\$29.95	120	\$0.50	-	-
Dtronix	Mississauga, ON	905-824-2814	dtronix.com	UUNET	0.099	9999	No	No	\$15.00	20	-	-	-
Durham.Net Inc	Oshawa, ON	905-427-5330	durham.net	iSTAR	1.544	90	Yes	No	\$15.00	20	\$1.00	-	-
ECHO ONLINE INTERNET INC.	Mississauga, ON	905-896-2432	echo-on.net	iSTAR	1.544	246	Yes	Yes	\$19.99	75	\$0.50	29.99	LucK56flex
Focus Technologies Networks	Mississauga, ON	905-602-6266	ftn.net	MCI/iSTAR/UUNET	0.099	9999	Yes	No	\$25.00	60	\$0.50	-	-
Highstar	Thornhill, ON	905-881-9439	highstar.com	ANS	0.099	9999	No	No	\$17.95	-	-	-	-
HookUp Communications	Oakville, ON	905-847-8000	hookup.net	Sprint/MCI	6.176	319	Yes	Yes	\$29.95	100	\$1.00	-	-
ICOM INTERNET SERVICES	Hamilton, ON	905-522-1220	icom.ca	iSTAR	3.088	1440	No	Yes	\$24.95	-	-	39.95	LucK56flex
Inline Internet Systems Inc	Mississauga, ON	905-813-8800	inline.net	iSTAR	0.256	5	No	No	\$49.95	60	\$0.50	-	-
INTERPC	Port Colborne, ON	905-835-5533	inter-pc.com	MCI	1.544	188	No	Yes	\$19.95	32	\$1.00	27.95	RocK56flex/LucK56flex
INTERLINKS	Oshawa, ON	905-404-0810	interlinks.net	Sprint	1.544	190	No	No	\$25.00	-	-	25.00	x2
Interlynx	Hamilton, ON	905-522-5969	interlynx.net	Sprint	3.088	216	No	Yes	\$19.95	30	\$1.25	-	-
Internet Access Worldwide	Welland, ON	905-714-1400	iaw.on.ca	MCI	1.544	140	No	No	\$25.00	-	-	-	-

InternetCorp International	Markham, ON	905-948-0959	internetcorp.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-
Intertek Internet Technology Svcs	Welland, ON	905-734-1992	itsi.net	MCI/PSINet	1.600	-	Yes	No	-	-	-	-	-	-
IPGnet Online	Mississauga, ON	905-812-8500	ipgnet.com	iSTAR	1.544	10	No	No	\$19.95	30	\$0.75	-	-	-
LARA Internet Service Provider	Burlington, ON	905-631-6576	lara.on.ca	MCI	0.099	9999	No	No	\$8.95	12	-	-	-	-
Merge Telecommunications Inc.	St. Catharines, ON	905-988-9998	mergetel.com	Sprint	1.544	47	No	Yes	\$19.95	30	\$1.00	-	-	-
NETINC	Hamilton, ON	905-525-4555	netinc.ca	iSTAR/Sprint	3.544	466	Yes	Yes	\$19.97	-	-	24.97	RocK56flex/LucK56flex	-
Neptune Internet Services	Newmarket, ON	905-895-0898	neptune.on.ca	MCI	1.544	46	No	No	\$10.00	20	\$0.75	-	-	-
NetAccess Systems Inc	Hamilton, ON	905-524-2544	netaccess.on.ca	MCI	0.099	9999	No	No	\$24.95	45	\$0.99	-	-	-
NetMatrix Communications Inc	Brampton, ON	905-457-4300	netmatrix.net	iSTAR	0.099	9999	No	Yes	\$19.95	-	-	-	-	-
Network Internet System	Hamilton, ON	905-528-4638	network.on.ca	Sprint	0.099	9999	No	No	\$29.95	100	\$1.00	-	-	-
Northumbria EAGLE	Cobourg, ON	905-373-9313	eagle.ca	Sprint	1.544	120	Yes	No	\$29.99	120	\$1.00	-	-	-
Online Information Xchange	Oshawa, ON	905-723-6299	oix.com	Sprint	0.099	9999	No	No	\$14.95	2	-	-	-	-
Onramp Network Services Inc	Markham, ON	905-470-4064	onramp.ca	Sprint/MCI	0.099	9999	Yes	Yes	-	-	-	-	-	-
POWERWINDOWS ISP INC.	Richmond Hill, Ontario	905-508-7013	powerwindows.ca	Sprint	3.088	536	No	Yes	\$17.00	-	-	22.95	x2/RocK56flex/LucK56flex	-
Predominet Communications Inc	Mississauga, ON	905-814-0022	predominet.com	-	0.099	9999	No	No	\$15.95	60	-	-	-	-
Spectranet Connections	Oakville, ON	905-338-3552	spectranet.ca	MCI	0.512	90	No	Yes	\$24.95	150	\$0.50	-	-	-
Spyder Communications Inc	Bradford, ON	905-775-4471	times.net	Sprint	0.099	9999	No	No	\$30.00	40	\$1.00	-	-	-
Switchtech Corp	Oakville, ON	905-338-2929	switchtech.net	iSTAR	0.099	9999	No	Yes	\$9.95	10	\$2.00	-	-	-
TNI Communication	Lockport, NY	905-845-2570	thenerve.com	MCI	44.800	-	Yes	No	-	-	-	-	-	-
Vaxxine Computer Systems Inc	Jordan Station, ON	905-562-3500	vaxxine.com	iSTAR	1.544	248	No	Yes	\$18.95	30	\$1.00	-	-	-
WWWB INC	Hamilton, ON	905-387-6910	wwwbcity.com	Sprint	1.544	210	No	No	\$24.95	-	-	14.95	x2	-
WORLDCHAT INTERNET SERVICES	Burlington, ON	905-637-9111	worldchat.com	MCI	16.984	952	Yes	Yes	\$26.75	-	-	26.95	RocK56flex	-
ACC NetMedia	Etobicoke, ON	416-236-3636	ican.net	MCI/Sprint	45.000	2000	Yes	No	\$24.95	-	-	-	-	-
ACCESS ROUTE CANADA ONLINE	Etobicoke, ON	416-234-5345	arcos.org	UUNET	3.088	327	Yes	No	\$24.95	-	-	24.95	x2	-
ARACNET	Toronto, ON	416-599-6888	aracnet.net	Sprint/MCI	4.632	319	Yes	No	\$5.95	10	\$0.95	5.95	x2	-
Autoroute.Net Inc	Town of Mount Royal, QC	514-341-4023	autoroute.net	Sprint	1.544	100	No	No	\$14.95	40	\$1.00	-	-	-
Barrie Connex Inc.	Barrie, ON	705-725-0819	bconnex.net	Sprint	4.632	500	Yes	No	\$9.95	10	\$1.25	-	-	-
BeeLine Communications Inc.	Orangeville, ON	519-941-9517	blc.net	iSTAR	0.256	147	No	Yes	\$24.95	-	-	-	-	-
Better.Net	North York, ON	416-225-3030	better.net	Sprint	0.099	9999	No	Yes	\$14.95	-	-	-	-	-
Cable Island Ltd	Toronto, ON	416-322-5339	cable.com	UUNET	0.099	9999	No	Yes	-	-	-	-	-	-
CiteNet Telecom Inc	Montreal, QC	514-861-5050	citenet.net	ANS/iSTAR	0.099	9999	Yes	No	\$10.00	-	-	-	-	-
Communication Inter-Acces	Montreal, QC	514-395-1023	interax.net	UUNET/ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-	-
Compulink Internet Solutions	Toronto, ON	416-636-9100	compulink.on.ca	Sprint	0.512	100	No	No	\$27.95	-	-	-	-	-
Connection.ca	Toronto, ON	416-967-6767	connection.ca	Sprint	1.544	23	No	Yes	-	-	-	-	-	-
CyberTouch Communications Inc	Toronto, ON	416-977-9400	cybertouch.com	Sprint	45.000	60	Yes	Yes	\$14.95	50	\$1.00	-	-	-
Cyberion Networking-Barrie Internet	Barrie, ON	705-733-3630	barint.on.ca	MCI	1.544	402	Yes	Yes	\$30.00	-	-	-	-	-
E-Gate Communications Inc.	Toronto, ON	416-447-8505	egate.net	UUNET	0.512	15	No	No	\$15.00	45	\$0.60	-	-	-
FollowMe Online Inc	North York, ON	416-512-8181	followme.com	Sprint	3.088	298	Yes	Yes	\$24.95	-	-	-	-	-
Front.Net Internet Services	Toronto, ON	416-955-1598	front.net	Sprint	3.088	216	Yes	Yes	\$12.95	30	\$0.95	-	-	-
Global Connexions Inc	Toronto, ON	416-510-8998	globalcon.com	Sprint	10.000	100	Yes	No	\$24.95	-	-	-	-	-
GLOBILITY ONLINE INC	Don Mills, ON	416-385-0459	globility.com	Sprint	10.000	200	No	No	\$14.95	-	-	14.95	x2/RocK56flex	-
HURON INTERNET TECHNOLOGIES	Kitchener, ON	519-745-5513	huron.net	UUNET/Sprint	3.072	380	Yes	Yes	\$25.00	-	-	25.00	LucK56flex	-
INTERHOP NETWORK SERVICES	Toronto, ON	416-494-1603	interhop.net	Sprint/iSTAR	3.088	560	Yes	Yes	\$9.99	10	\$1.00	9.99	RocK56flex/LucK56flex	-
Interlog Internet Services	Toronto, ON	416-975-2655	interlog.com	UUNET/iSTAR	18.088	1686	Yes	Yes	\$15.00	45	\$0.95	-	-	-
Internet Direct Canada Inc	Etobicoke, ON	416-233-7150	idirect.com	Sprint/iSTAR	45.000	1800	Yes	No	\$26.90	-	-	-	-	-
Internet Light and Power	North York, ON	416-502-1512	ilap.com	Sprint	0.099	9999	No	Yes	\$29.95	90	-	-	-	-
INTERNET QUEBEC IQ INC	Montreal, QC	514-383-4064	iq.ca	MCI	1.544	169	Yes	Yes	\$26.95	-	-	34.95	RocK56flex	-
Internet Service Bureau	Richmond Hill, ON	416-969-8016	isb.ca	MCI	0.099	9999	No	Yes	\$12.95	15	\$0.65	-	-	-
iStar Internet Inc	Ottawa, ON	613-780-2200	istar.ca	iSTAR	0.099	9999	Yes	No	\$29.95	90	\$1.00	-	-	-
JC International Inc	Etobicoke, ON	416-798-1770	jciil.com	ATMnet	45.000	250	Yes	Yes	-	-	-	-	-	-
Local GlobalAccess Inc	Toronto, ON	416-515-7400	lglobal.com	Sprint	3.088	45	Yes	No	\$18.00	30	\$0.65	-	-	-
MGL Systems Computer Technologies	Cambridge, ON	519-651-2713	mgl.ca	MCI	1.544	226	Yes	Yes	\$30.00	-	-	-	-	-
Mediaglobe Inc	London, ON	519-668-0667	mediaglobe.com	MCI	0.099	9999	No	No	\$25.00	60	-	-	-	-
Metrix Interlink	Montreal, QC	514-875-0010	interlink.net	ANS	0.099	9999	Yes	Yes	\$29.00	40	\$1.00	-	-	-
Microset Systems Inc	Scarborough, ON	416-283-4949	msi.net	MCI	0.099	9999	No	Yes	\$12.00	30	\$0.48	-	-	-
Myna Communications Inc	Toronto, ON	416-362-7000	myna.com	MCI	0.099	9999	No	No	\$19.99	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
905 Area Code ♦ ONTARIO													
NetAxis Inc	Toronto, ON	416-480-2700	netaxis.ca	ANS	1.544	165	Yes	Yes	\$23.00	-	-	-	-
Netopia Corp	Barrie, ON	705-725-9745	netopia.net	UUNET	1.544	50	No	No	\$29.00	120	\$0.65	-	-
Netrover Inc	Etobicoke, ON	416-213-8686	netrover.com	Sprint	3.088	200	No	No	\$26.95	-	-	-	-
ONet Networking	Toronto, ON	416-978-4589	onet.on.ca	MCI	3.088	-	Yes	No	-	-	-	-	-
Passport Online	Toronto, ON	416-351-8438	passport.ca	Sprint	0.099	9999	No	No	\$34.95	50	-	-	-
Pathway Communications	Toronto, ON	416-214-6363	pathcom.com	MCI/Sprint	3.088	625	Yes	No	\$9.95	25	\$0.75	-	-
Rose Media Inc	North York, ON	416-222-3582	rose.com	Sprint	45.000	17	No	No	\$11.95	30	\$0.75	-	-
SKL Enterprises	West Hill, ON	416-209-7005	skl.com	Sprint	3.088	3	No	No	\$18.95	50	\$0.75	-	-
SENTEX COMMUNICATIONS	Cambridge, ON	519-651-3400	sentex.net		4.500	600	Yes	Yes	\$19.95	60	\$0.50	19.95	Rock56flex/LucK56flex
Techcom Computer Systems	Toronto, ON	416-248-6850	techcom.on.ca	MCI	0.512	30	No	Yes	\$14.99	80	\$0.50	-	-
the Wire	Toronto, ON	416-214-9473	the-wire.com	iSTAR	0.099	9999	No	No	\$19.95	30	-	-	-
TotalNet Inc	Montreal, QC	514-481-2585	total.net	ANS/Sprint	0.099	9999	Yes	Yes	\$26.95	-	-	-	-
Tube-e Communications	Toronto, ON	416-784-1233	tube.com	MCI	45.000	70	No	Yes	\$24.00	-	-	-	-
UUNorth International Inc	Willowdale, ON	416-225-8640	north.net	MCI	0.099	9999	Yes	No	\$29.95	100	\$1.00	-	-
VISION ONLINE INC.	North York, ON	416-502-9611	visionol.net	iSTAR	1.544	95	No	Yes	\$15.99	60	\$1.00	15.99	x2
Web Net Corp	Orangeville, ON	519-940-9252	headwaters.com	MCI	0.256	69	No	Yes	\$24.95	50	\$0.50	-	-
WIZNET INC.	Toronto, ON	416-967-4414	wiznet.ca	ANS	0.099	9999	Yes	Yes	\$25.00	-	-	40.00	x2

906 Area Code ♦ MICHIGAN

Baraga Telephone Co	Baraga, MI	906-334-4638	up.net	Sprint	1.544	400	Yes	No	\$19.95	-	-	-	-
Lagasco Enterprises, Inc	Manistique, MI	906-341-6464	lagasco.com	MCI	1.544	60	Yes	No	\$20.00	-	-	-	-
PORTUP INC	Houghton, MI	906-487-9832	portup.com	MCI	1.544	384	No	No	\$20.00	-	-	20.00	x2
A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	30.00	Rock56flex
Alliance Network Inc	Grand Rapids, MI	616-774-3010	alliance.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
CyberZone Inc	Marquette, MI	715-732-1568	cybrzn.com	MCI	3.088	144	No	Yes	\$20.00	-	-	-	-
Freeway Inc	Petoskey, MI	616-347-3175	freeway.net	MCI	3.088	250	Yes	Yes	\$15.00	-	-	-	-
FullFeed Communications	Appleton, WI	414-954-0444	atw.fullfeed.com	Sprint	0.099	9999	Yes	Yes	\$20.00	30	-	-	-
Isthmus Corp	Ann Arbor, MI	313-973-2100	izzy.net	MCI	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/Rock56flex
Maple Valley Computer Center	Nashville, MI	517-852-1784	mvcc.com	MCI	1.544	20	No	No	\$20.00	-	-	-	-
MariNet Inc	Marquette, MI	715-732-4137	mmet.com	DataXchange	0.056	32	No	No	\$25.00	-	-	-	-
Merit Network Inc	Ann Arbor, MI	313-764-9430	merit.edu	MCI	45.000	4200	Yes	No	\$10.00	-	-	-	-
MICH.COM, INC.	Farmington Hills, MI	810-442-1000	mich.com	MCI	0.768	943	Yes	Yes	\$19.95	80	\$0.60	19.95	Rock56flex/LucK56flex
RING!Online	White Lake, MI	810-698-4659	ring.com	DataXchange	45.000	100	Yes	No	\$16.95	150	\$0.50	-	-
Rhineland Telecommunications	Rhineland, WI	715-365-0001	newnorth.net	MCI	1.544	176	Yes	No	\$17.95	40	\$1.50	-	-
Sojour Systems Ltd	Lansing, MI	517-393-2738	sojour.com	MCI/MCI	3.088	175	Yes	No	\$19.95	-	-	-	-

907 Area Code ♦ ALASKA

A-ONLINE INFORMATION SRVS.	Anchorage, AK	907-276-5463	aonline.com	Sprint	0.512	144	Yes	No	\$30.00	-	-	30.00	Rock56flex
Core Communications	Anchorage, AK	907-563-1191	corecom.net	MCI	1.544	298	Yes	Yes	\$20.00	-	-	-	-
Custom Computers	Anchorage, AK	907-277-6969	customcpu.com	Sprint	0.099	9999	No	No	\$24.75	-	-	-	-
Internet Alaska Inc	Anchorage, AK	907-562-4638	alaska.net	Sprint/AGIS/UUNET	6.176	1400	Yes	No	\$19.50	-	-	-	-
Matnet Inc	Wasilla, AK	907-373-3580	matnet.com	Sprint	1.024	168	Yes	No	\$25.00	-	-	-	-
MICRONET COMMUNICATIONS	Anchorage, AK	907-279-0051	micronet.net	MCI	3.088	274	Yes	Yes	\$20.00	-	-	-	-
Neptune Alaska	Wasilla, AK	907-373-3209	akcache.com	MCI	0.256	48	No	No	\$25.00	-	-	-	-
PTI Communications Inc	Juneau, AK	907-563-8898	ptialaska.net	Sprint/AGIS	3.088	588	Yes	No	\$26.95	-	-	-	-
PolarNet	Fairbanks, AK	907-457-4929	polarnet.com	MCI	1.024	270	No	No	\$19.95	-	-	-	-

ServCom Alaska Online Inc	Anchorage, AK	907-274-9472	servcom.com	Sprint	1.544	46	No	No	\$25.00	-	-	-	-
xyz	Homer, AK	907-235-0675	xyz.net	Sprint	0.192	48	No	No	\$20.00	-	-	-	-
NorthWestNet Inc	Bellevue, WA	206-649-7400	nwnet.net	Sprint/MCI/UUNET	45.000	-	Yes	No	-	-	-	-	-

908 Area Code ♦ NEW JERSEY

AdlerNet	Toms River, NJ	908-349-5098	adler.net	CWIX	0.099	9999	No	No	\$19.95	-	-	-	-
Advanced Systems Automation Inc	Edison, NJ	908-396-4340	asanet.com	UUNET/BBN	3.088	96	Yes	Yes	\$15.00	40	-	-	-
AllNet Technology Services Inc	Allamuchy, NJ	908-979-1620	world2u.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
AMERI-COM INTERNET TECH., LLC	Brick, NJ	908-262-2985	ameri-com.com	UUNET	1.544	219	No	Yes	\$19.95	-	-	19.95	Rock56flex/LucK56flex
Atlantic Internet Tech Inc	Red Bank, NJ	908-758-0505	exit109.com	AGIS/MCI	3.088	269	Yes	Yes	\$19.95	-	-	-	-
Bit-e-Byte Inc	Somerville, NJ	908-685-9494	mindpulse.com	Sprint	1.544	90	No	No	\$15.00	-	-	-	-
CRISP Network Solutions Inc	Piscataway, NJ	908-885-0808	crisp.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$24.95	180	\$1.00	-	-
CSI Online Services	Beachwood, NJ	908-914-0167	csionline.com	DataXchange	0.099	9999	No	No	\$19.95	-	-	-	-
CASTLE NETWORK INC	Metuchen, NJ	908-548-8881	castle.net	Sprint/UUNET	3.088	105	Yes	No	\$5.20	7	\$1.00	-	-
Computer Connections Network	Elizabeth, NJ	908-558-1212	ccnis.net	MCI	1.544	50	No	No	\$17.95	-	-	-	-
CyberComm Online Services	Toms River, NJ	908-818-3333	cybercomm.net	UUNET	3.088	325	No	No	\$20.00	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-
Eden East, Inc.	Morganville, NJ	908-970-0680	edeneast.com	UUNET	1.544	156	No	No	\$15.00	-	-	-	-
Exec-u-Linx Corp	Manalapan, NJ	908-536-9528	excaliber.com	Sprint	1.544	80	No	No	\$15.00	-	-	-	-
Global Online Electronic Services	Hackettstown, NJ	908-813-0600	goes.com	UUNET	1.544	46	No	No	\$15.95	-	-	-	-
Gold Link Communications	Englishtown, NJ	908-308-4567	gold-link.com	AGIS	1.544	80	Yes	Yes	\$14.95	-	-	-	-
Gorgon Enterprises Inc	Woodbridge, NJ	908-726-0258	gorgon.com	UUNET	1.544	75	Yes	No	\$25.00	-	-	-	-
Hill Communications	Union, NJ	908-687-5217	cuy.net	Sprint	0.099	9999	No	No	\$15.00	-	-	-	-
IN Jersey	Neptune, NJ	908-922-0770	injersey.com	UUNET	0.099	9999	No	No	\$24.95	60	-	-	-
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99	-	-	35.00	x2
InfINET Possibilities Inc	Middletown, NJ	908-615-3900	infi-pos.com	DIGEX	1.544	40	No	No	\$15.95	-	-	-	-
INTELLITECH INC	Highland Park, NJ	908-777-1331	thethinker.com	DataXchange	1.544	70	No	Yes	\$16.95	-	-	16.95	x2
INTERNET LABS, INC	Holmdel, NJ	908-332-0500	netlabs.net	BBN	1.544	168	No	Yes	\$17.95	-	-	19.95	x2
InterWave Systems Inc	Warren, NJ	908-791-0879	interwave.net	AGIS	1.544	-	Yes	No	-	-	-	-	-
Internet By The Sea, Inc.	Sea Girt, NJ	908-974-3864	bytheshore.com	UUNET	1.544	84	No	Yes	\$25.00	-	-	-	-
Internet For 'U'	Highland Park, NJ	908-435-0600	ifu.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Internet Online Providers, Inc.	Freehold, NJ	908-431-8863	iop.com	UUNET	1.544	100	No	Yes	\$13.99	-	-	-	-
Jagat Technology Inc	Piscataway, NJ	908-885-0845	jagat.com	PSINet	1.544	50	No	No	\$20.00	-	-	-	-
Kodiak Solutions Unlimited	South Amboy, NJ	908-316-9543	kodinet.com	PSINet	1.544	16	No	No	\$15.00	-	-	-	-
Lone Keep Internet	Bradley Beach, NJ	908-988-4044	lonekeep.com	Sprint	1.544	40	No	No	\$18.00	-	-	-	-
Mark A Fry & Associates, Inc.	Whitehouse Station, NJ	908-534-5881	blast.net	Sprint/UUNET	6.176	198	Yes	Yes	\$18.95	-	-	-	-
MicroFone InfoService	Metuchen, NJ	908-548-7201	microfone.net	Sprint/MCI	3.088	52	No	No	\$13.95	-	-	-	-
Mikayola Intl Comm Network	East Brunswick, NJ	908-651-2001	mikayola.net	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
MONMOUTH INTERNET	Red Bank, NJ	908-842-5366	monmouth.com	Sprint/AGIS	3.088	942	Yes	Yes	\$15.00	-	-	15.00	x2
MYHOST INTERNET	Freehold, NJ	908-431-1866	myhost.com	MCI	1.544	72	Yes	Yes	\$12.95	-	-	12.95	x2
NJSurfNet	Eatontown, NJ	908-389-3295	njsurfnet.net	UUNET	1.544	48	No	Yes	\$9.95	-	-	-	-
Net-Lynx	Bedminster, NJ	908-725-6099	net-lynx.com	UUNET	0.384	40	No	No	\$19.00	-	-	-	-
Network Design & Integration	Union, NJ	908-810-7747	ndi.net	UUNET	1.544	16	Yes	No	\$15.99	-	-	-	-
Sky Web Inc	Old Bridge, NJ	908-613-0500	skyweb.net	MCI/UUNET	3.088	170	Yes	Yes	\$19.95	-	-	-	-
SuperLink	Milltown, NJ	908-828-8988	superlink.net	UUNET/Sprint	3.088	600	Yes	No	\$21.95	-	-	-	-
TechnoCore Communications	Jackson, NJ	908-928-7400	thecore.com	UUNET	1.544	76	No	No	\$17.95	-	-	-	-
The Cabbage Patch Internet Service	Blairstown, NJ	908-362-5465	cpatch.com	Sprint	1.544	32	No	No	\$20.00	30	\$1.00	-	-
Town Square Access	Bernardsville, NJ	908-953-2880	tsa.net	MCI	3.088	33	Yes	Yes	\$15.00	-	-	-	-
Visual Information Technologies	Toms River, NJ	908-240-6300	vitinc.com	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
WEB EXPRESS INC	Bridgewater, NJ	908-722-2211	webex.net	Sprint	11.544	248	Yes	Yes	\$25.00	-	-	300.00	x2
AMERICAN DATANET, INC.	Melville, NY	516-777-7778	americandata.net	UUNET	0.099	9999	Yes	Yes	\$16.95	-	-	16.95	x2
ADVANCED ONLINE SERVICES	Lawrenceville, NJ	609-631-8553	aosi.com	BBN	1.544	100	Yes	Yes	\$19.95	-	-	19.95	Rock56flex
AGORA ONLINE	Bayonne, NJ	201-437-6440	agoron.com	DIGEX	1.544	32	No	Yes	\$15.50	-	-	25.00	x2
BayTech Corp	Bayonne, NJ	201-858-9544	bayonne.net	UUNET	1.544	32	Yes	No	\$19.95	12	\$0.10	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
908 Area Code ♦ NEW JERSEY													
Bell Atlantic Internet Solutions	Reston, VA	703-708-4200	bellatlantic.net	MAE West/AGIS	0.099	9999	Yes	Yes	\$17.95	-	-	-	-
Bell Technology Group Ltd.	New York, NY	212-334-8600	belltech.com	Sprint/UUNET/MCI	45.000	90	Yes	Yes	\$35.00	-	-	-	-
Conquer Network	New York, NY	718-940-0792	conquer.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
Crusoe Communications Inc	Fairfield, NJ	201-882-1022	crusoe.net	UUNET	1.544	51	Yes	Yes	\$19.95	-	-	-	-
Crystal Palace Networking	Newton, NJ	201-300-0881	palace.net	UUNET	1.544	22	Yes	Yes	\$25.00	-	-	-	-
CyberENET Network	Berlin, NJ	609-753-9840	cyberenet.net	Sprint/UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
CYBERNEX INC	Hackensack, NJ	201-457-3700	cybernex.net	Sprint/UUNET	3.088	1686	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
DIALSOFT	Rockaway, NJ	201-586-1550	jungle.net	UUNET	1.544	201	No	Yes	\$20.00	-	-	25.00	x2
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
FASTNET/ YOU TOOLS CORP	Bethlehem, PA	610-289-1100	fast.net	UUNET/Sprint/MCI	45.000	5990	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex
GARDEN NETWORKS	Newton, NJ	201-300-9211	garden.net	MCI	1.544	522	Yes	Yes	\$20.77	-	-	20.77	RocK56flex/LucK56flex
Global Enterprise Services Inc	Princeton, NJ	609-514-3867	ges.com	MCI/Verio	45.000	500	Yes	Yes	\$19.95	35	\$1.50	-	-
GLOBAL TELECOM INC	Morristown, NJ	201-285-9099	gti.net	UUNET	1.544	218	Yes	Yes	\$19.95	-	-	24.95	x2
HUDSONET INTERNET SERVICES	Hoboken, NJ	201-217-8284	hudsonet.com	MCI	3.088	53	Yes	Yes	\$25.00	-	-	25.00	x2
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95	-	-	19.95	x2
IBS interactive	Madison, NJ	201-301-0700	interactive.net	UUNET	10.000	650	Yes	Yes	\$19.95	-	-	-	-
INTAC Access Corp	Palisades Park, NJ	201-944-1417	intac.com	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	-
InterStat Inc	Mount Laurel, NJ	609-234-2900	interstat.net	DIGEX	3.088	48	Yes	No	\$19.95	-	-	-	-
Intercall, Inc.	Lyndhurst, NJ	201-939-2501	intercall.net	Sprint/UUNET/MCI	45.000	345	Yes	No	\$19.00	-	-	-	-
Internet Access Consortium Inc	Marlton, NJ	609-778-1653	iacnet.net	MAE East	1.544	20	Yes	Yes	\$10.00	-	-	-	-
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50	-	-	-	-
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50	-	-	9.50	RocK56flex
METROCON COMMUNICATIONS	New York, NY	212-661-6800	metrocon.com	Sprint/MCI	18.528	345	Yes	Yes	\$24.95	-	-	24.95	RocK56flex
National Internet Source	Ramsey, NJ	201-825-4600	nis.net	Sprint	3.088	86	Yes	Yes	\$15.75	80	-	-	-
NERC Online	Princeton, NJ	609-452-8060	nerc.com	Sprint	1.544	35	No	No	\$15.00	8	-	-	-
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00	-	-	-	-
NetPath Corp	West Caldwell, NJ	201-228-6264	njnetpath.net	UUNET	1.544	32	Yes	No	\$19.95	12	\$0.05	-	-
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
OmniNET International, Inc.	Princeton, NJ	609-734-7420	omniconnect.com	AGIS	3.088	440	Yes	Yes	\$17.95	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-
Peakaccess	Staten Island, NY	718-370-3360	peakaccess.net	CIX	0.099	9999	No	Yes	\$15.95	-	-	-	-
Planet Access Networks Inc	Stanhope, NJ	201-691-4704	planet.net	MCI/Sprint	4.632	215	Yes	Yes	\$35.00	6	\$1.00	-	-
ProLog	Palmerton, PA	610-826-6130	ptd.net	ANS/UUNET	44.776	2477	Yes	Yes	\$19.95	-	-	-	-
Sytex Access Ltd.	Fairfax, VA	703-425-2515	sytex.net	Sprint	0.099	-	Yes	No	-	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
Tekconnect Inter-Networks	Cherry Hill, NJ	609-751-9595	tekconnect.net	MCI	3.088	96	Yes	Yes	-	-	-	-	-
ThoughtPort Authority Inc	Columbia, MO	573-474-6870	thoughtport.net	AGIS/MCI	45.000	148	Yes	Yes	\$16.95	60	\$0.75	-	-
U.S. ONLINE, INC	Mount Laurel, NJ	609-778-8383	uscom.com	CRL	1.544	334	Yes	Yes	\$15.00	-	-	15.00	x2
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00	-	-	35.00	x2
VICON CORP	Montclair, NJ	201-746-4222	viconet.com	UUNET	6.176	323	Yes	Yes	\$14.99	-	-	24.95	x2
Vivid Technologies Inc	New Brunswick, NJ	609-586-9100	intense.com	CIX	0.099	9999	No	No	\$19.95	-	-	-	-
VoiceNet	Warminster, PA	215-674-9290	voicenet.com	MAE East/NY Nap/MAE West	0.099	9999	No	Yes	\$19.95	-	-	-	-
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No	-	-	-	-	-

909 Area Code ♦ CALIFORNIA

Ariastar Communications, Inc.	Chino, CA	909-465-6000	aviastar.net	MCI	1.544	40	No	Yes	\$14.95	-	-	-	-
Big Bear Net	Big Bear Lake, CA	909-866-1650	bigbear.net	Sprint	0.099	9999	No	No	\$9.95	-	-	-	-
California Prime Line	Redlands, CA	909-307-1355	cpl.net	AGIS	1.544	20	Yes	No	\$17.50	-	-	-	-
ClubNET, Inc.	Diamond Bar, CA	909-612-5888	clubnet.net	MCI/AGIS	12.088	200	Yes	Yes	\$18.40	-	-	-	-

Connect America	Riverside, CA	909-275-5313	connectamerica.net	AGIS/ATMnet	4.632	600	Yes	Yes	\$15.95	-	-	-	-	-	-	-	-
Cosmo Computers/ Cosmo Access	Lake Elsinore, CA	909-674-5645	cosmoaccess.net	Sprint/MCI	3.088	46	No	No	\$15.95	120	-	-	-	-	-	-	-
Crystalink Communications	Walnut, CA	909-444-2800	crystalink.com	AGIS	0.099	9999	No	No	\$19.95	-	-	-	-	-	-	-	-
Cyberg8t Internet Services, Inc.	Claremont, CA	909-398-4638	cyberg8t.com	AGIS/UUNET/ATMnet	0.099	9999	Yes	Yes	\$20.00	150	\$1.50	-	-	-	-	-	-
DURA NET	San Bernardino, CA	909-882-0801	dura.net	CWIX	1.544	36	Yes	Yes	\$17.40	-	-	-	-	-	-	-	-
DiscoverNet	Redlands, CA	909-335-1209	discover.net	MCI	18.000	1230	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-
DreamSoft Online Services	San Bernardino, CA	909-475-1200	dreamsoft.com	AGIS	45.000	1500	No	No	\$10.00	-	-	-	-	-	-	-	-
EZ2 Network, Inc.	Murrieta, CA	909-696-5266	ez2.net	Sprint	45.000	75	No	No	\$24.95	-	-	-	-	-	-	-	-
EmpireNet	Riverside, CA	909-787-4969	empirenet.com	AGIS	0.099	9999	No	No	\$24.95	200	-	-	-	-	-	-	-
GENESIS NETWORK	Riverside, CA	909-361-0949	genesisnetwork.net	AGIS/UUNET	45.000	252	Yes	Yes	\$15.95	-	-	-	-	25.95	-	RockK56flex	-
IEPS Inc	San Bernardino, CA	909-883-8170	iepsnet.com	AGIS	0.099	9999	No	No	\$15.00	348	\$1.00	-	-	-	-	-	-
Infinity Internet Inc	Temecula, CA	909-693-1377	inet.com	MCI/AGIS	3.088	192	No	No	\$19.95	-	-	-	-	-	-	-	-
Information Systems Inc	Lake Elsinore, CA	909-678-7843	blue-hwy.net	MCI/ATMnet	11.544	-	Yes	No	-	-	-	-	-	-	-	-	-
Inland Internet Inc	Sun City, CA	909-672-6620	inland.net	MCI	1.544	90	No	No	\$19.95	-	-	-	-	-	-	-	-
KEYWAY NETWORK SYSTEMS	Ontario, CA	909-933-3650	keyway.net	GoodNet	45.000	2150	Yes	Yes	\$9.99	-	-	-	-	9.99	-	RockK56flex/LucK56flex	-
KIWI COMPUTER SERVICES	Riverside, CA	909-274-7800	kiwi.net	MAE West/GoodNet	3.088	270	Yes	Yes	\$12.95	700	-	-	-	19.95	x2/RockK56flex/LucK56flex	-	-
Linkline Internet Access Inc	Mira Loma, CA	909-685-2000	linkline.com	AGIS	10.000	182	Yes	Yes	\$14.95	-	-	-	-	-	-	-	-
LOCAL NET	San Bernardino, CA	909-475-5888	local.net	CWIX	3.088	196	Yes	Yes	\$17.40	-	-	-	-	17.40	x2/LucK56flex	-	-
MICROSYSTEMS ANALYSTS	Perris, CA	909-780-5766	microsys.net	UUNET	1.544	78	No	Yes	\$14.95	-	-	-	-	24.95	x2	-	-
NetSol Technologies	Walnut, CA	909-869-6455	netsol.net	AGIS/PSINet	3.088	150	Yes	No	\$15.00	-	-	-	-	-	-	-	-
PE.NET	Riverside, CA	909-320-7800	pe.net	MCI	3.088	1072	No	No	\$17.50	240	\$1.00	17.50	-	-	x2	-	-
Silent Running	Riverside, CA	909-343-2035	silent-running.com	MCI	1.544	20	No	No	\$20.00	300	\$0.50	-	-	-	-	-	-
SmartComm Internet Inc	Cerritos, CA	909-824-9367	scomm.net	AGIS	1.544	58	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-
Star Tech Communications	Diamond Bar, CA	909-396-4225	stbbs.com	AGIS	0.099	9999	Yes	Yes	\$14.95	-	-	-	-	-	-	-	-
TCR Information Services	Fontana, CA	909-823-3128	trbbs.com	DataXchange	0.256	32	No	No	\$15.00	-	-	-	-	-	-	-	-
TST ON RAMP	Pomona, CA	909-620-7724	tstonramp.com	ATMnet	1.544	260	Yes	Yes	\$19.95	-	-	-	-	19.95	RockK56flex	-	-
The Comstock Net	Rialto, CA	909-877-6407	csnsys.com	AGIS	1.544	40	No	No	\$19.95	-	-	-	-	-	-	-	-
Vcom	Fontana, CA	909-427-9732	signworld.com	AGIS	1.544	94	No	No	\$15.00	-	-	-	-	-	-	-	-
Vivid Internet Production	Walnut, CA	909-595-9988	vividnet.com	AGIS	1.544	300	Yes	No	\$15.00	-	-	-	-	-	-	-	-
Westcomm Technology Group	Corona, CA	909-737-8369	westcomm.com	AGIS	0.099	405	No	Yes	\$19.95	-	-	-	-	-	-	-	-
2 COW HERD Internet Services	Venice, CA	310-827-8413	2cowherd.net	MCI	1.544	320	Yes	Yes	\$19.95	550	\$2.00	-	-	-	-	-	-
A+NET	San Diego, CA	619-458-0490	abac.com	MCI	45.000	784	Yes	Yes	\$19.95	-	-	-	-	19.95	RockK56flex	-	-
ACCESSPOINT CORP	Anaheim, CA	714-781-2288	apc.net	CRL	45.000	311	Yes	Yes	\$18.95	-	-	-	-	18.95	RockK56flex	-	-
AceWeb Network	North Hills, CA	818-891-5941	aceweb.net	MCI	0.099	9999	No	Yes	\$8.00	30	-	-	-	-	-	-	-
ARGOTECH BUSINESS SYSTEMS	Irvine, CA	714-261-7511	argonet.net	Sprint/MCI	3.088	100	Yes	Yes	\$25.00	-	-	-	-	50.00	x2	-	-
Bestlink Inc	Pasadena, CA	818-432-7040	bestlink.net	MCI	0.099	9999	No	Yes	-	-	-	-	-	-	-	-	-
CCI Industries Inc	Fullerton, CA	714-738-7270	cci-internet.com	CIX	45.000	300	Yes	Yes	\$14.95	-	-	-	-	-	-	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	-	-	12.95	x2	-	-
CompuAll Inc	Fountain Valley, CA	714-964-2140	compull.com	UUNET	0.099	9999	Yes	No	\$9.99	75	\$1.75	-	-	-	-	-	-
Cosmoslink Internet Services	Brea, CA	714-577-8593	cosmoslink.net	AGIS	1.544	100	Yes	No	\$19.95	-	-	-	-	-	-	-	-
CruzNet	Fullerton, CA	714-680-6600	cruznet.net	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-
Delta Internet Services	Anaheim, CA	714-490-2000	delta.net	UUNET	45.000	1800	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-
DigiLink Network Services	Marina del Rey, CA	310-577-9450	digilink.net	MCI	10.000	391	Yes	Yes	-	-	-	-	-	-	-	-	-
Digital America	Suisun City, CA	707-436-7000	community.net	UUNET/MCI	3.088	372	Yes	Yes	\$19.95	-	-	-	-	-	-	-	-
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-	-	-	-	-
Diversified Micro Inc	Carlsbad, CA	619-431-8656	dmicro.com	MCI	0.099	9999	Yes	Yes	\$20.00	-	-	-	-	-	-	-	-
Electriciti Inc	San Diego, CA	619-338-9000	electriciti.com	UUNET	0.099	9999	Yes	No	\$15.00	425	\$2.00	-	-	-	-	-	-
GLOBAL INTERNET	Orange, CA	714-937-5500	globalpac.com	AGIS/ATMnet/UUNET	12.352	1175	Yes	Yes	\$13.99	-	-	-	-	13.99	RockK56flex	-	-
GreenHeart Internet Services	South Pasadena, CA	818-799-9461	greenheart.com	MCI	1.544	100	No	No	\$19.95	-	-	-	-	-	-	-	-
Hotel California BBS	Artesia, CA	310-407-1321	kincyb.com	MAE West	0.099	9999	No	No	\$25.00	-	-	-	-	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-	-	-	-	-
Ikonet	Los Angeles, CA	213-286-2001	ikonet.com	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-	-	-	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	-	-	19.95	x2/RockK56flex	-	-
INSTANET	Chatsworth, CA	818-772-0097	instanet.com	UUNET	1.544	1089	Yes	Yes	\$29.95	-	-	-	-	29.95	x2	-	-
InteleNet Communications Inc	Irvine, CA	714-851-8250	intelenet.net	Sprint/MCI/BBN	45.000	250	Yes	Yes	-	-	-	-	-	-	-	-	-
InterWorld Communications Inc	El Segundo, CA	310-726-0500	interworld.net	AGIS	0.099	9999	Yes	Yes	\$29.99	100	\$1.00	-	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
909 Area Code ♦ CALIFORNIA													
Internet Business Services Inc	Anaheim, CA	714-635-9777	4ibs.com	CWIX	15.632	23	Yes	Yes	-	-	-	-	-
INTERNET EXPRESS NETWORK	Los Angeles, CA	213-488-6100	ienet.com	UUNET/MCI	45.000	800	Yes	Yes	\$19.95	-	-	24.95	x2/RocK56flex/LucK56flex
INTERNET TELEPRESENCE INC	Glendale, CA	818-638-0537	itgateway.com	UUNET	10.000	60	Yes	Yes	\$19.95	-	-	19.95	x2
Internet of Orange County	Anaheim, CA	714-530-4254	ioc.net	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-
Intifone Telecommunications System	Arcadia, CA	818-446-9176	sgvnet.com	Sprint	0.099	9999	No	No	\$9.95	10	\$1.95	-	-
Ironlight Digital	San Francisco, CA	415-646-7000	ironlight.com	CRL/CWIX	45.000	-	Yes	No	-	-	-	-	-
KNet Services	Los Angeles, CA	213-462-1909	k-net.net	UUNET	1.544	106	Yes	Yes	\$19.95	-	-	-	-
KTb INTERNET ONLINE	Glendale, CA	818-240-6600	ktb.net	MCI/AGIS	3.088	208	Yes	Yes	\$15.00	-	-	25.00	x2
Kaiwan Corp	Irvine, CA	714-260-8888	kaiwan.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Klever Group, Inc.	Los Angeles, CA	714-899-2865	klever.net	Genuity	45.000	100	No	No	\$18.95	-	-	-	-
LOL Media / Eden BBS	Newport Beach, CA	714-548-7598	edenbbs.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
Liberty Information Network	Anaheim, CA	714-996-9999	liberty.com	Sprint	0.099	9999	No	No	\$10.00	20	\$1.00	-	-
Lightside Inc	Covina, CA	818-858-9261	lightside.net	ATMnet	1.544	40	Yes	No	\$19.95	-	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
LinkOnline Network	Los Angeles, CA	213-251-1500	linkonline.net	UUNET	45.000	500	No	Yes	\$19.95	-	-	-	-
Los Nettos	Marina del Rey, CA	310-822-1511	los-nettos.net	MCI	45.000	-	Yes	No	-	-	-	-	-
MJI Corp	Burbank, CA	818-569-4909	type3.net	MCI	1.544	-	Yes	No	-	-	-	-	-
MediaWeb, Inc.	Marina del Rey, CA	310-305-2600	mediaweb.net	MCI	45.000	-	Yes	No	-	-	-	-	-
Micronet Communications	Anchorage, AK	907-279-0051	micronet.net	MCI	3.088	274	Yes	Yes	\$20.00	-	-	-	-
MriINTER.NET	Manhattan Beach, CA	310-320-2226	mrinter.net	Sprint	0.099	9999	No	Yes	\$19.50	-	-	-	-
NETouch Communications, Inc.	Irvine, CA	714-789-9170	netouch.net	AGIS	45.000	230	Yes	Yes	-	-	-	-	-
Nayzak Communications	Anaheim, CA	714-520-8384	nayzak.com	MCI	1.544	300	Yes	No	\$14.95	-	-	-	-
NetQuest	Westminster, CA	714-379-8228	net-quest.com	MCI	1.544	42	No	No	\$20.00	-	-	-	-
Netus, Inc.	Orange, CA	714-288-9598	netus.com	AGIS/DIGEX/MCI	45.000	17	Yes	Yes	\$150.00	-	-	-	-
Netway Communications Inc	Chatsworth, CA	818-773-8166	nwc.net	MCI	45.000	1060	Yes	Yes	\$20.00	-	-	-	-
Network Intensive	Irvine, CA	714-450-8400	ni.net	UUNET	0.099	9999	Yes	Yes	\$5.00	5	\$2.00	-	-
NodeWarrior NetWorks Inc	Marina del Rey, CA	310-574-5302	nodewarrior.net	MCI	45.000	-	Yes	No	-	-	-	-	-
ONLY MULTIMEDIA NETWORK	Los Angeles, CA	213-964-4900	only.com	MCI	3.088	740	No	Yes	\$10.00	-	-	49.95	x2
PCS	Norwalk, CA	562-483-6828	cyberpcs.com	AGIS	4.632	288	Yes	No	\$12.95	-	-	-	-
PacLink Communications LLC	Pasadena, CA	818-583-1988	paclink.net	AGIS	45.000	230	Yes	Yes	\$14.95	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Paradomain Corp	Fullerton, CA	714-449-9408	pdc.net	MCI	0.099	9999	No	No	\$18.95	-	-	-	-
Ping Digital Systems	Hacienda Heights, CA	818-968-1480	pingdata.net	DIGEX	1.544	95	Yes	Yes	\$15.95	-	-	-	-
QuickNet - ICG Inc	Newport Beach, CA	714-852-2100	quick.net	AGIS	45.000	512	Yes	No	\$20.00	-	-	-	-
Saigon Enterprises	Glendale, CA	818-246-0689	saigon.net	MCI	1.544	60	Yes	Yes	\$15.00	-	-	25.00	-
SoftAware	Marina del Rey, CA	310-305-0275	softaware.com	GoodNet	45.000	-	Yes	No	-	-	-	-	-
Southland Internet Services	Fullerton, CA	714-441-3000	southland.net	MCI	1.544	30	No	No	\$20.00	-	-	-	-
SOUTHWEST INTERNET SERVICES	Covina, CA	818-332-3401	sowest.net	CIX	1.544	144	No	No	\$17.95	-	-	17.95	x2
SpeedGate Communications Inc	Laguna Hills, CA	714-597-2250	speed.net	Sprint	0.099	9999	No	Yes	\$9.00	5	\$2.00	-	-
StarLink	Orange, CA	714-782-0515	starlinknet.net	Sprint	0.099	9999	Yes	No	\$19.50	-	-	-	-
Strategic Internet Partners	Irwindale, CA	818-815-2775	sip.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
TEGRIS Corporation	Bellevue, WA	206-990-3300	tegris.com	MAE East/UUNET	3.088	-	Yes	No	-	-	-	-	-
TIOcom	Laguna Niguel, CA	714-348-2957	tio.com	MCI	1.544	240	Yes	Yes	\$20.00	-	-	-	-
The Data Depot	Los Angeles, CA	213-663-9127	datadepot.com	Sprint/AGIS	4.632	500	Yes	Yes	\$15.00	-	-	-	-
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
The Mac Pros	El Segundo, CA	310-726-0555	macpros.com	AGIS	0.099	9999	Yes	Yes	\$19.95	100	\$0.50	-	-
WARENET	Mission Viejo, CA	714-348-3295	ware.net	MCI	45.000	106	Yes	Yes	\$50.00	-	-	50.00	x2
WEB COMMUN. CONCEPTS	Escondido, CA	619-480-9992	webcc.net	AGIS	45.000	345	Yes	Yes	\$16.50	-	-	16.50	Rock56flex
Western DataCom	Orange, CA	714-712-9050	wdc.net	MCI	0.099	9999	No	No	\$9.95	15	\$1.00	-	-

910 Area Code ♦ NORTH CAROLINA

Alphanet South Corp	West End, NC	910-673-3300	ac.net	MCI	1.544	104	No	No	\$25.00	-	-	-	-	-	-
Carolina Online	Lumberton, NC	910-618-9790	nconline.com	MCI	1.544	75	Yes	No	\$25.00	-	-	-	-	-	-
Connections!	Wilmington, NC	910-395-0233	wil.net	Sprint	45.000	50	No	Yes	\$19.95	-	-	-	-	-	-
Dilys.com	Ruffin, NC	910-939-9400	dilys.com	Sprint	1.600	36	No	Yes	\$24.95	-	-	-	-	-	-
EYENet Communications	Dunn, NC	910-892-0550	nceye.net	MCI	1.544	100	No	No	\$20.00	90	\$1.25	-	-	-	-
InterStar Communications Inc	Clinton, NC	910-592-4638	intrstar.net	MCI	1.544	225	Yes	No	\$19.95	-	-	-	-	-	-
INTERNET OF THE SANDHILLS	Southern Pines, NC	910-695-7068	pinehurst.net	CRL	1.544	142	No	Yes	\$25.00	-	-	-	25.00	LucK56flex	-
Internet/MCR Corp	Greensboro, NC	910-665-9898	netmcr.com	MCI	1.544	240	Yes	Yes	\$12.00	20	\$2.00	-	-	-	-
NETUNLIMITED	Winston Salem, NC	910-722-8300	netunlimited.net	MCI	1.544	133	No	No	\$20.00	-	-	-	30.00	x2	-
Netpath Inc	Burlington, NC	910-226-0425	netpath.net	MCI	1.544	144	Yes	Yes	\$20.00	50	\$2.00	-	-	-	-
Online South	Tobaccoville, NC	910-983-7212	ols.net	MCI	1.544	108	Yes	No	\$19.99	50	\$2.00	-	-	-	-
Onslow Online	Jacksonville, NC	910-353-1171	onslowonline.net	MCI/Sprint	3.088	256	No	No	\$15.00	-	-	-	-	-	-
Red Barn Data Center	Winston Salem, NC	910-774-1600	rbdc.com	MCI	1.544	30	No	No	\$30.00	-	-	-	-	-	-
Roxboro Online	Rougemont, NC	910-364-9252	roxboro.net	MCI	1.544	31	No	No	\$25.00	-	-	-	-	-	-
SpectraSystems Inc.	Roxboro, NC	910-599-0058	person.net	Sprint	1.544	40	No	No	\$23.95	-	-	-	-	-	-
SpyderByte Communications Inc	Greensboro, NC	910-643-6999	spyder.net	DIGEX	1.544	80	No	No	\$19.95	-	-	-	-	-	-
TODD ALAN COMMUNICATIONS	Jacksonville, NC	910-577-6452	toddalan.com	Sprint	1.544	48	Yes	No	\$19.95	-	-	-	35.00	x2	-
Wilmington Internet Inc	Wilmington, NC	910-763-9473	wilmington.net	MCI/Sprint	4.632	312	Yes	Yes	\$15.00	-	-	-	-	-	-
ABTSNET Internet Services	Hickory, NC	704-322-4633	abts.net	BBN	1.544	180	No	No	\$19.95	-	-	-	-	-	-
CoastalNet	New Bern, NC	919-633-9997	coastalnet.com	MCI/Sprint	3.088	1050	Yes	No	\$19.95	-	\$1.50	-	-	-	-
Dilan	Hickory, NC	704-328-8551	w3link.com	Sprint	0.099	9999	Yes	No	\$14.95	-	-	-	-	-	-
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-	-	-
Interpath	Raleigh, NC	919-890-6300	interpath.net	Sprint	0.099	9999	Yes	Yes	\$29.00	-	-	-	-	-	-
KIVEX Inc	Bethesda, MD	301-215-7744	kivex.com	UUNET/MCI	45.000	-	Yes	No	-	-	-	-	-	-	-
MCNC Connect	Research Triangle Park, NC	919-248-1868	mcnc-connect.com	Sprint/MCI	45.000	-	Yes	No	-	-	-	-	-	-	-
NetDepot Inc	Smyrna, GA	770-434-5595	netdepot.com	Sprint	11.544	113	Yes	Yes	\$25.00	-	-	-	-	-	-
VISIONNET NETWORK SERVICES	Hillsborough, NC	919-732-9885	visionet.org	BBN	3.500	84	Yes	Yes	\$20.00	-	-	-	150.00	RockK56flex	-

912 Area Code ♦ GEORGIA

Accucomm	Irwinton, GA	912-946-5504	accucomm.net	MCI	1.544	172	No	No	\$19.95	40	\$1.00	-	-	-	-
Al-a-Rick, Inc.	Savannah, GA	912-356-1733	coca.net	MCI	1.544	48	Yes	No	\$18.50	-	-	-	-	-	-
AlmaTel.Net	Alma, GA	912-632-8603	almatel.net	UUNET	3.088	48	Yes	No	\$19.95	-	-	-	-	-	-
Altamaha.Net	Hazlehurst, GA	912-375-0700	altamaha.net	UUNET	1.544	25	No	No	\$19.95	-	-	-	-	-	-
Citizens Telephone Co	Leslie, GA	912-874-2230	sowega.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-
DSS ONLINE	Valdosta, GA	912-241-0607	datasys.net	UUNET	1.544	240	Yes	No	\$20.00	-	-	-	50.00	x2	-
EAGLENET DATA COMMUN.	Saint Marys, GA	912-882-8406	eagnet.com	BBN	1.544	186	No	No	\$19.95	-	-	-	19.95	x2	-
g:NET	Pembroke, GA	912-653-4000	g-net.net	AT&T	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
GnatNET	Kingsland, GA	912-882-8402	gnatnet.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
Gold Stag Communications Inc	Statesboro, GA	912-681-9801	goldstag.com	Sprint	0.099	9999	Yes	No	\$14.95	30	\$0.99	-	-	-	-
HOMENET COMMUNICATIONS	Warner Robins, GA	912-329-8638	hom.net	CRL/MCI	3.088	288	Yes	Yes	\$18.25	-	-	-	24.95	RockK56flex	-
Internet 95	Savannah, GA	912-920-0001	internet95.net	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-	-	-
Internet Services of Albany	Leesburg, GA	912-436-7267	isoa.net	Sprint	1.544	19998	Yes	Yes	\$19.95	-	-	-	-	-	-
Midnite Communications	Albany, GA	912-883-7873	midnite.net	MCI	0.099	9999	No	Yes	\$17.95	-	-	-	-	-	-
NETLINK INTERNET SYSTEMS	Saint Simons Island, GA	912-638-0140	technonet.com	UUNET	1.544	256	No	No	\$19.95	-	-	-	19.95	RockK56flex	-
SURF SOUTH INC	Valdosta, GA	912-245-8100	surfsouth.com	MCI/BBN	3.088	1372	Yes	Yes	\$18.95	-	-	-	50.00	RockK56flex/LucK56flex	-
Systems Connect Inc	Savannah, GA	912-356-9920	sysconn.com	Sprint	0.099	9999	No	Yes	-	-	-	-	-	-	-
Tifton Internet Inc	Tifton, GA	912-382-2400	tifton.net	AGIS	1.544	16	Yes	No	\$15.95	-	-	-	-	-	-
Tybee Island Intranet	Tybee Island, GA	912-786-7656	tybee.net	MCI	3.088	108	No	Yes	\$16.95	720	-	-	-	-	-
CyberHighway Internet Services	Boise, ID	208-323-9214	cyberhighway.net	MCI	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
Georgia Business Net	Augusta, GA	706-823-2115	gabn.net	BBN	0.099	9999	Yes	Yes	\$25.00	-	-	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
912 Area Code ♦ GEORGIA													
Georgia Network Access	Columbus, GA	706-326-0333	gnet.net	MCI	0.099	9999	No	No	\$19.50	-	-	-	-
INDEX Inc	Woodstock, GA	770-924-8667	index.com	MCI	0.099	9999	No	Yes	\$15.00	120	\$1.50	-	-
INLINE CONNECTIONS INC	Birmingham, AL	205-290-9559	inlcon.com	Sprint	1.544	575	Yes	Yes	\$25.00	-	-	30.00	x2
Info Avenue	Rock Hill, SC	803-328-1500	infoave.net	Sprint	0.099	9999	No	No	\$15.00	15	\$2.25	-	-
INTERSTAR/HARGRAY TELEPHONE	Hilton Head Island, SC	803-686-5000	hargray.com	MCI/Sprint	3.088	258	Yes	Yes	\$14.95	40	\$1.20	250.00	x2
Internet Atlanta	Atlanta, GA	404-898-2500	atlanta.com	MAE East/MAE West	45.000	372	Yes	Yes	\$9.95	20	\$1.00	-	-
VECNET	Norcross, GA	770-300-8990	vec.net	MCI/UUNET	3.088	488	Yes	Yes	\$19.95	-	-	19.95	x2

913 Area Code ♦ KANSAS

CJNetWorks	Topeka, KS	913-295-5648	cjnetworks.com	MCI	3.088	300	Yes	Yes	\$20.00	-	-	-	-
Computer Services Network	Topeka, KS	913-233-8154	parod.com	MCI	1.544	33	Yes	Yes	\$15.00	-	-	-	-
Flint Hills Internet	Manhattan, KS	913-776-4333	flinthills.com	Sprint	0.384	96	No	No	\$15.00	200	\$0.20	-	-
GlobalVision Internet	Lenexa, KS	913-768-6900	gvi.net	Sprint	1.544	342	Yes	Yes	\$15.00	100	\$0.70	-	-
Grasshoppernet	Valley Falls, KS	913-945-6856	grasshoppernet.com	Sprint	1.500	12	No	No	\$30.00	-	-	-	-
INFORMATICS CORP	Salina, KS	913-827-1973	informatics.net	Sprint	1.544	94	Yes	Yes	\$18.00	-	-	18.00	x2
Internet Direct Communications	Lawrence, KS	913-841-2220	idir.net	MCI/UUNET	9.264	500	Yes	Yes	\$18.95	-	-	-	-
Internet Solutions	Ottawa, KS	913-242-1980	ott.net	MCI	45.000	30	No	No	\$20.00	-	-	-	-
JC Onramp	Junction City, KS	913-223-5551	jc.net	Sprint	1.544	66	Yes	No	\$17.95	100	\$1.00	-	-
KC One Internet Services, Inc	Kansas City, KS	913-287-3000	kc1.net	MCI	1.544	64	No	No	\$19.95	-	-	-	-
Kansas Press Association	Topeka, KS	913-271-5304	kspress.com	Sprint	1.544	100	Yes	No	\$17.50	-	-	-	-
Kansas Research & Education Network	Lawrence, KS	913-864-0422	kanren.net	Sprint/MCI	9.264	-	Yes	No	-	-	-	-	-
KansasNet	Manhattan, KS	913-776-1452	kansas.net	MCI/Sprint	3.088	330	Yes	Yes	\$20.00	200	\$1.50	-	-
MMedia.com Industries Inc	Manhattan, KS	913-532-9055	mmedia.com	Sprint	0.099	9999	No	No	\$15.00	200	-	-	-
Miami County Internet OnRamp	Paola, KS	913-294-2777	micoks.net	MCI	1.544	49	Yes	Yes	\$19.95	-	-	-	-
NetSpace Internet Services	Salina, KS	913-823-3565	midusa.net	MCI	3.088	546	Yes	Yes	\$18.95	-	-	-	-
North Central Kansas Community	Beloit, KS	913-738-2218	nckcn.com	MCI	1.544	30	Yes	No	\$15.00	50	-	-	-
O2 Innovations	Shawnee Mission, KS	913-385-0004	o2.net	MCI	0.099	9999	Yes	Yes	-	-	-	-	-
Sensory Perceptions Internet Inc	Hays, KS	913-625-6124	spidome.net	Sprint/MCI	3.088	25	No	No	\$30.00	-	-	-	-
Smallville Communications, Inc	Kansas City, KS	913-334-6614	toto.net	Sprint	1.544	75	No	Yes	\$17.95	240	\$0.75	-	-
TFSNet Inc	Mission, KS	913-262-4638	tfs.net	MCI/BBN	3.088	396	Yes	Yes	\$20.00	-	-	-	-
Thirdwave Information Services	Olathe, KS	913-829-2212	thirdwave.net	CWIX/MCI	3.088	91	Yes	Yes	\$19.95	-	-	-	-
Tri-Rivers Internet	Salina, KS	913-826-2595	tri.net	Sprint/MCI	3.088	30	No	No	\$25.00	-	-	-	-
Unicom Communications	Overland Park, KS	913-383-8466	unicom.net	UUNET/MCI	0.099	9999	Yes	Yes	\$19.50	200	\$1.00	-	-
Wonderlink Communications, Inc.	Overland Park, KS	913-341-9663	wonderlink.net	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
Word Share, Inc.	Louisburg, KS	913-837-5657	wordshare.com	UUNET	1.544	20	No	No	\$30.00	-	-	-	-
WORLDWIDE GRAPEVINE, INC.	Lenexa, KS	913-894-8170	wwi.net	MCI/SAVVIS	9.088	790	Yes	Yes	\$19.95	-	-	19.95	x2
Eris Free Networking	Overland Park, KS	800-913-3878	ef.net	Sprint/UUNET/MCI/BBN	45.000	-	Yes	No	-	-	-	-	-
Internet Dynamics Corp	Whitewater, WI	414-473-7700	idcnet.com	AGIS	1.544	125	Yes	Yes	\$19.95	-	-	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Internet Services Co	Parsons, KS	316-421-0088	computer-services.com	MCI	1.544	174	Yes	Yes	\$20.00	-	-	-	-
K.C. MICRO SPECIALISTS INC	Blue Springs, MO	816-228-4300	micro.com	MCI	1.544	320	No	No	\$12.95	120	\$3.00	12.95	x2
KCnet	North Kansas City, MO	816-221-4658	kcnet.com	MCI	0.099	9999	No	No	\$19.95	200	\$0.50	-	-
Kansas Web LLC	Great Bend, KS	316-792-2085	kansasweb.net	MCI	1.544	180	Yes	Yes	-	-	-	-	-
LUKAS TECHNOLOGIES	Kansas City, MO	816-531-7195	lukasonline.com	MCI	1.544	58	No	Yes	\$10.00	-	-	17.00	x2
Microlink LLC	Kansas City, MO	816-421-6610	microlink.net	Sprint	1.544	60	No	No	\$17.95	240	\$0.60	-	-
Pioneer Internet	Ulysses, KS	316-356-4638	pld.com	MCI	1.544	250	Yes	No	\$19.95	-	-	-	-
Q-Networks Inc	Lees Summit, MO	816-795-1000	qni.com	MCI	0.099	9999	No	Yes	\$20.00	-	-	-	-
SkyNET Corp	Kansas City, MO	816-421-2626	sky.net	Sprint	1.544	200	Yes	No	\$13.95	120	\$0.60	-	-
SmartNet Internet Services	Saint Joseph, MO	816-233-4944	smartnet.net	MCI	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Sound Advice Limited	Kansas City, MO	813-436-5206	tyrell.net	Sprint/MCI	4.632	726	Yes	Yes	\$10.00	540	-	-	-

Sound Advice Limited	Gladstone, MO	816-436-5206	sound.net	Sprint/MCI	11.544	870	Yes	Yes	\$10.00	540	-	-	-
United Internet Technologies	Independence, MO	816-461-4062	uit.net	MCI	1.544	120	Yes	No	\$15.95	-	-	-	-

914 Area Code ♦ NEW YORK

Access3000, Inc.	Scarsdale, NY	914-472-2374	access3000.net	UUNET	1.544	48	Yes	Yes	-	-	-	-	-
Afra-Span Network, Inc.	Doraville, GA	914-941-5553	afraSPAN.net	Sprint	1.544	8	Yes	No	\$20.00	160	\$1.95	-	-
Applewize Online	Bronxville, NY	914-779-2406	applewize.com	DataXchange	0.560	8	No	No	\$15.00	-	-	-	-
Austin Computer Enterprises, Inc.	Yonkers, NY	914-375-5599	aceinc.com	MCI	1.544	22	Yes	Yes	\$15.00	-	-	-	-
BestWeb Corp	Croton On Hudson, NY	914-271-4500	bestweb.net	UUNET	3.088	272	No	No	\$9.95	-	-	-	-
CATSKILL.COM	Monticello, NY	914-794-1576	catskill.com	MCI	1.544	36	No	No	\$19.95	-	-	19.95	x2
Cloud 9 Consulting Inc	White Plains, NY	914-696-4000	cloud9.net	MCI	1.544	225	No	Yes	\$15.00	-	-	-	-
Computer.Net Llc	Pleasantville, NY	914-773-1130	computer.net	AGIS	0.099	9999	Yes	No	\$19.95	-	-	-	-
CREATIVE ON-LINE	Suffern, NY	914-368-2340	creativeonline.com	DIGEX	1.544	55	No	No	\$16.95	-	-	16.95	RockK56flex
Cyburban Link	White Plains, NY	914-397-0500	cyburban.com	MCI	3.088	250	Yes	Yes	\$19.95	-	-	-	-
ExecNet	Mount Vernon, NY	914-667-2150	execnet.com	DIGEX	1.544	40	Yes	No	\$19.95	-	-	-	-
ICU Online Inc	Bardonia, NY	914-627-3800	icu.com	Sprint	0.384	38	No	No	\$19.95	-	-	-	-
INET COMMUNICATIONS CO	Nyack, NY	914-353-9290	qed.net	Sprint/MCI	4.628	225	Yes	Yes	\$19.95	-	-	19.95	x2
Infinity Data Systems Inc	Wappingers Falls, NY	914-297-5879	idsi.net	Sprint	1.544	138	No	Yes	\$19.95	-	-	-	-
InfoMine Inc	Poughkeepsie, NY	914-454-8027	infomine.net	Sprint	0.099	9999	No	No	\$12.50	60	\$0.40	-	-
Jar.Net Communications Ltd	Hastings On Hudson, NY	914-478-2885	rivertown.net	UUNET	1.544	42	Yes	No	\$25.00	-	-	-	-
LocalNet Online Services	White Plains, NY	914-949-7949	locnet.com	BBN	1.544	8	No	No	\$18.95	-	-	-	-
MHVNet, Inc	Hyde Park, NY	914-473-0844	mhv.net	Sprint	1.544	917	Yes	Yes	\$9.95	30	-	-	-
Matrix Learning Inc	Garrison, NY	914-424-8321	highlands.com	UUNET	1.544	16	No	No	\$16.67	25	\$1.00	-	-
Mnematics Inc	New York, NY	914-359-4546	mne.com	Sprint	0.099	9999	Yes	Yes	\$17.00	504	-	-	-
NetStep Access Services	Kingston, NY	914-338-6640	netstep.net	Sprint	1.544	41	Yes	Yes	\$14.95	60	\$1.95	-	-
PRONET ONLINE	Walden, NY	914-778-7563	pronetpc.com	DIGEX	1.540	24	Yes	No	\$19.95	-	-	19.95	x2
PUTNAM INTERNET SERVICES	Carmel, NY	914-225-3234	put.com	UUNET	0.384	14	No	No	\$19.00	-	-	-	-
SPYRALNET LLC	Nyack, NY	914-348-7676	spyrat.net	DIGEX	1.600	192	No	Yes	\$19.95	-	-	29.95	x2
TCO On-line	Bardonia, NY	914-627-6020	tco.com	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
TZ-Link Internet	Nanuet, NY	914-623-1720	j51.com	UUNET	0.099	9999	No	No	\$25.00	-	-	-	-
TopNet Communications	New Rochelle, NY	914-632-5677	topnet.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-
Ulster.net	Tivoli, NY	914-876-1823	ulster.net	Sprint	1.544	143	Yes	Yes	\$9.95	30	\$1.00	-	-
Virtual Horizons, Inc.	Pleasant Valley, NY	914-635-3766	vh.net	GoodNet	1.544	38	No	No	\$14.95	-	-	-	-
WESTNET INTERNET SERVICES	Rye, NY	914-967-7816	westnet.com	MCI	1.544	90	Yes	Yes	\$25.00	120	\$0.50	-	-
Zelacom Electronic Publishing	Liberty, NY	914-295-0447	zelacom.com	UUNET	0.099	9999	No	Yes	\$19.95	-	-	-	-
AMERICAN DATANET, INC.	Melville, NY	516-777-7778	americandata.net	UUNET	0.099	9999	Yes	Yes	\$16.95	-	-	16.95	x2
Acunet Internet Commerce Services	Marlborough, MA	508-490-7608	acunet.net	UUNET	1.544	50	Yes	No	\$16.25	-	-	-	-
Alpha Internet	New York, NY	212-271-4333	an.net	MCI	13.080	192	Yes	No	\$10.00	-	-	-	-
APPLICATION RESOURCES INFO	New York, NY	212-843-2400	way.com	UUNET	10.000	134	Yes	Yes	\$19.95	-	-	29.95	x2
Ascension Internet Services	Hicksville, NY	516-938-7750	ascensionet.com	Sprint	1.544	35	Yes	No	\$19.95	-	-	-	-
BrainLINK International	Richmond Hill, NY	718-805-6559	brainlink.com	Sprint	1.544	55	Yes	Yes	\$20.00	-	-	-	-
Community School Networks, Inc.	Hackensack, NJ	201-343-6427	csnet.net	Sprint/MCI	3.088	239	Yes	Yes	\$18.00	-	-	-	-
Conquer Network	New York, NY	718-940-0792	conquer.net	UUNET/Sprint	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
CYBERNET DYNAMICS, INC.	Mamaroneck, NY	718-319-8821	cnd.net	UUNET	45.000	260	Yes	Yes	\$18.00	-	-	30.00	RockK56flex
Darien and New Canaan On-Line	New Canaan, CT	203-972-6265	newcanaan.com	UUNET	0.099	9999	No	No	\$4.95	4	\$2.95	-	-
Digital Telemedia Inc	New York, NY	212-255-4500	dti.net	BBN/UUNET	0.099	9999	Yes	Yes	\$24.95	-	-	-	-
ECLIPSE Internet Access	Plainfield, NJ	908-412-0700	eclipse.net	DIGEX/UUNET/AGIS	0.099	9999	Yes	Yes	\$20.00	100	\$0.75	-	-
East Coast Internet Inc	Danbury, CT	203-207-3230	eci.com	BBN	0.099	9999	Yes	No	\$19.95	-	-	-	-
epix	Dallas, PA	717-674-0534	epix.net	Sprint	0.099	9999	No	No	\$18.95	-	-	-	-
Erol's Internet Inc.	Springfield, VA	703-321-8000	erols.com	CWIX	0.099	9999	Yes	Yes	\$13.00	-	-	-	-
Fly Online Communications	New Canaan, CT	203-972-7771	flyonline.net	UUNET	1.544	16	No	No	\$19.95	-	-	-	-
HTP Net Inc	Commack, NY	516-864-8500	htp.net	UUNET	0.099	9999	Yes	Yes	\$26.00	-	-	-	-
I-2000 INC	New York, NY	212-422-1796	i-2000.com	Sprint/UUNET	7.720	398	Yes	Yes	\$19.95	-	-	19.95	x2
INU INC.	Matawan, NJ	908-290-8111	jow.net	MCI	1.544	615	No	Yes	\$15.99	-	-	35.00	x2

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.			56 Kbps DIAL-UP MONTHLY ARCHITECTURE	
914 Area Code ♦ NEW YORK													
IngressNet	New York, NY	212-268-1100	ingress.com	MCI/UUNET	45.000	1000	Yes	Yes	\$20.00	-	-	-	-
Intercom Online Inc	New York, NY	212-378-2202	intercom.com	MCI/UUNET	11.544	60	Yes	Yes	\$25.00	150	\$1.00	-	-
Internet Channel	New York, NY	212-243-5200	inch.com	UUNET/Genuity	45.000	300	Yes	No	\$25.00	-	-	-	-
Internet Exchange	New York, NY	212-935-3322	inx.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Internet Network Corp	Port Richey, FL	813-842-4444	innet.com	UUNET/ANS	0.099	9999	No	No	\$20.00	80	\$1.00	-	-
Internet QuickLink Corp	New York, NY	212-307-9662	quicklink.com	UUNET	0.099	9999	Yes	Yes	\$20.00	-	-	-	-
INTERPORT COMMUNICATIONS	New York, NY	212-989-1128	interport.net	MCI/Sprint/UUNET/BBN	16.176	854	Yes	Yes	\$25.00	120	\$1.50	25.00	x2
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50	-	-	-	-
KeyBoard Palace Online	Little Neck, NY	718-423-6741	kbp.com	Sprint	0.056	20	No	No	\$5.00	-	-	-	-
Lightning Internet Services LLC	Mineola, NY	516-248-8400	lightning.net	AGIS/Sprint/GoodNet	45.000	23	Yes	Yes	-	-	-	-	-
LogicalNET Corp	Albany, NY	518-452-9090	logical.net	MCI/Sprint	45.000	323	Yes	Yes	\$25.00	20	\$1.20	-	-
Mark A Fry & Associates, Inc.	Whitehouse Station, NJ	908-534-5881	blast.net	Sprint/UUNET	6.176	198	Yes	Yes	\$18.95	-	-	-	-
MEGAHERTZ COMMUNICATIONS	Brooklyn, NY	718-638-5758	megahertz.net	MCI/Sprint	3.088	284	Yes	Yes	\$9.50	-	-	9.50	Rock56flex
METROCON COMMUNICATIONS	New York, NY	212-661-6800	metrocon.com	Sprint/MCI	18.528	345	Yes	Yes	\$24.95	-	-	24.95	Rock56flex
NSI Web	Farmingdale, NY	516-847-0201	nsiweb.com	UUNET	45.000	10	Yes	Yes	-	-	-	-	-
Net Access Corp	Denville, NJ	201-983-0725	nac.net	AGIS/UUNET/DIGEX/MCI	6.176	400	Yes	Yes	\$20.00	-	-	-	-
NEW WORLD DATA CORP	Floral Park, NY	718-962-1725	nwdc.com	UUNET/Sprint/MCI	6.176	236	Yes	Yes	\$15.00	-	-	24.95	x2
New York Net	Queens Village, NY	718-776-6811	new-york.net	Sprint	0.099	9999	Yes	No	\$75.00	-	-	-	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
NORTH AMERICAN INTERNET	Newington, CT	860-953-4638	nai.net	MCI	6.176	1744	Yes	No	\$17.95	-	-	17.95	x2
Nysemet	Syracuse, NY	315-453-2912	nysemet.org	Sprint	0.099	9999	No	No	\$25.00	25	\$1.50	-	-
OEM Networks, Inc.	Boston, MA	617-204-0200	oem.net	UUNET	45.000	240	Yes	Yes	-	-	-	-	-
Openix	Madison, NJ	201-443-0400	openix.com	UUNET	45.000	3000	No	Yes	\$18.50	-	-	-	-
Optimized Computer Solutions Inc	New York, NY	212-727-2100	ocsny.com	UUNET	1.544	8	Yes	Yes	-	-	-	-	-
OUTERNET INC	New York, NY	212-982-9800	bway.net	AGIS/Sprint/UUNET/MCI	6.176	500	Yes	No	\$25.00	-	-	25.00	x2
PLANET POUCH INC..	Lindenhurst, NY	516-956-0032	pouch.com	Sprint	45.000	216	Yes	Yes	\$12.95	-	-	12.95	Rock56flex
Public Access Networks Corp	New York, NY	212-741-4400	panix.com	MCI	45.000	300	Yes	No	\$35.00	-	-	-	-
Pure Source	Brooklyn, NY	718-922-1371	puresource.com	DIGEX	1.544	20	No	No	\$19.95	250	-	-	-
RealNet	New York, NY	212-964-3560	reallife.com	MCI/UUNET	11.544	1200	Yes	Yes	\$35.00	-	-	-	-
TIAC	Bedford, MA	617-276-7200	tiac.net	MCI/Sprint	0.099	9999	Yes	No	\$29.00	-	-	-	-
The Invention Factory Inc	New York, NY	212-431-5555	factory.com	Netcom	1.544	69	No	Yes	\$10.00	150	-	-	-
The Soho Internetwork Co	New York, NY	212-962-7646	sohonet.com	UUNET	3.088	12	Yes	No	\$30.00	40	\$1.00	-	-
ULTINET INTERNET SERVICES	Brooklyn, NY	718-462-1100	ultinet.net	UUNET/MCI/Sprint	16.176	1582	Yes	Yes	\$15.00	-	-	35.00	x2
Voyager Networks	New York, NY	212-571-2000	voyagemet.com	MCI	45.000	-	Yes	No	-	-	-	-	-
World Network ISP	Woodbury, NY	516-563-4748	wnis.net	UUNET	0.099	9999	Yes	Yes	\$8.00	200	\$1.00	-	-
ZipLink LLC	Hartford, CT	508-551-8900	ziplink.net	UUNET	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
ZONE ONE NETWORKS	New York, NY	212-292-8989	zone.net	MCI/Sprint	45.000	216	Yes	No	\$10.00	-	-	20.00	x2

915 Area Code ♦ TEXAS

APEX 2000 INTERNET SERVICES	Midland, TX	915-570-1676	apex2000.net	UUNET	1.544	512	Yes	Yes	\$19.95	-	-	37.50	Rock56flex
BasinLink/Midland Reporter-Telegram	Midland, TX	915-682-5311	basinlink.com	MCI	1.544	94	No	No	\$20.00	-	-	-	-
Big Bend Internet	Sanderson, TX	915-345-2696	bigbend.com	CRL	1.544	60	No	No	\$18.95	-	\$3.50	-	-
Brooks Data Consultants	Alpine, TX	915-837-2612	brooksdata.net	UUNET	1.544	12	No	No	\$24.50	-	-	-	-
Camalott Communications	Abilene, TX	915-676-9818	camalott.com	ANS/UUNET	3.088	190	Yes	No	\$19.95	-	-	-	-
Cibola Communications	El Paso, TX	915-759-0089	cibola.net	MCI	1.544	83	Yes	Yes	\$19.95	-	-	-	-
DIGITAL ZONE	El Paso, TX	915-751-0131	dzn.com	DataXchange	3.088	207	No	Yes	\$19.95	-	-	19.95	Rock56flex
ELP NetWorks, Inc.	El Paso, TX	915-771-8600	elpn.com	MCI	1.544	108	No	Yes	\$19.95	-	-	-	-
LX Net	Midland, TX	915-570-9638	lx.net	MCI	1.544	90	Yes	No	\$19.95	-	-	-	-
Leapfrog Technologies	Abilene, TX	915-675-6850	abilene.com	CWIX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
Marshall Communications	Midland, TX	915-520-7000	marshall.com	BBN	0.512	47	Yes	Yes	\$20.00	-	-	-	-

Southwest Connect	Abilene, TX	915-690-5704	swconnect.net	Sprint	1.544	118	Yes	Yes	\$4.95	5	\$2.00	-	-	-	-
SUNSET RANCH ONLINE SRVS.	Abilene, TX	915-695-3317	ranchnet.com	UUNET	3.088	36	No	No	\$20.00	-	-	30.00	-	-	x2
TextNet Internet Services	El Paso, TX	915-857-1800	tnis.net	AGIS	1.544	30	No	No	\$19.95	-	-	-	-	-	-
The Overland Network	Fort Davis, TX	915-426-2218	overland.net	AGIS	45.000	45	No	No	\$29.00	-	-	-	-	-	-
West Central Net	San Angelo, TX	915-234-5678	wcc.net	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-	-	-
West Texas ACCESS	Andrews, TX	915-524-5777	wtaccess.com	Sprint	1.544	80	No	No	\$22.95	-	-	-	-	-	-
WhiteHorse Communications Inc	El Paso, TX	915-584-6630	whc.net	AGIS	1.544	255	Yes	Yes	\$14.95	-	-	-	-	-	-
4GL Corp	Houston, TX	281-589-8077	4gl.com	AGIS/CRL	0.099	9999	Yes	Yes	-	-	-	-	-	-	-
CompuNet, INC.	Richardson, TX	972-994-0191	cmpu.net	Sprint/CRL	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
EXP Internet Services	Bridge City, TX	409-735-7320	exp.net	Sprint	0.099	9999	No	No	\$19.95	-	-	-	-	-	-
Eastland Internet	Eastland, TX	817-629-3278	eastland.net	UUNET	1.544	60	Yes	No	\$27.00	-	-	-	-	-	-
Internet Global Services Inc	Lewisville, TX	214-221-1335	iglobal.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-	-	-	-	-	-
Internet Texas	Granbury, TX	817-279-8100	itexas.net	UUNET/DIGEX	3.088	94	Yes	No	\$19.95	-	-	-	-	-	-
iXL-Memphis	Memphis, TN	901-345-9999	socomm.net	Sprint	45.000	254	Yes	Yes	\$19.95	-	-	-	-	-	-
RusCom	Abilene, TX	817-442-1566	telstar1.com	DataXchange	3.088	20	No	No	\$18.35	-	-	-	-	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-	-	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-	-	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	-	-	19.95	x2/RocK56flex/LucK56flex	-	-
TOTAL ACCESS	Las Cruces, NM	505-523-2000	totacc.com	Sprint	1.544	300	Yes	No	\$20.00	-	-	20.00	-	-	x2
Ultra-Vision	Gun Barrel City, TX	903-887-5278	ultravision.net	UUNET	1.544	60	No	No	\$29.95	-	-	-	-	-	-
West Texas Internet	Haskell, TX	817-864-3682	westex.net	MCI	1.544	19	No	No	\$19.95	-	-	-	-	-	-
ZiaNet, Inc.	Las Cruces, NM	505-522-1234	zianet.com	ANS	1.544	280	No	No	\$20.00	-	-	-	-	-	-

916 Area Code ♦ CALIFORNIA

AWWWsome Net Services	Redding, CA	916-226-9322	awwwsome.com	MCI	1.544	200	Yes	No	\$19.95	-	-	-	-	-	-
Afes Network Services	Woodland, CA	916-668-9864	afes.com	CRL	1.544	25	No	No	\$19.50	-	-	-	-	-	-
Arden Computers Inc	Sacramento, CA	916-489-2000	ardennet.com	MCI/AGIS	1.672	24	No	No	\$15.00	60	\$0.50	-	-	-	-
BLACK OAK COMPUTERS	South Lake Tahoe, CA	916-542-4209	oakweb.com	MCI	45.000	330	No	No	\$19.95	-	-	19.95	RocK56flex/LucK56flex	-	-
CWNet	Sacramento, CA	916-758-0119	cwnet.com	Sprint	3.088	150	Yes	Yes	\$13.84	-	-	-	-	-	-
CalWeb Internet Services Inc	Sacramento, CA	916-641-9320	calweb.com	CRL/MCI	3.088	416	Yes	Yes	\$24.95	-	-	-	-	-	-
California-Oregon Telephone Co	Dorris, CA	916-397-2211	cot.net	MCI	1.544	10	No	No	\$25.00	-	-	-	-	-	-
Coastal Web Online	Sacramento, CA	916-552-7922	cwo.com	MCI	0.099	9999	No	Yes	\$24.00	-	-	-	-	-	-
ColusaNET	Colusa, CA	916-458-7766	colusanet.com	AGIS	0.128	23	Yes	No	\$25.00	-	-	-	-	-	-
COMPUTER ZONE INTERNET SRVS.	Redding, CA	916-224-7291	c-zone.net	Sprint/CRL	3.088	100095	Yes	No	\$12.00	-	-	14.00	LucK56flex	-	-
Datalink Computer Services	Chico, CA	916-892-6640	dcs-chico.com	MCI	1.544	165	Yes	Yes	\$19.95	-	-	-	-	-	-
DEEPWELL INTERNET SERVICES	Fair Oaks, CA	916-526-6300	deepwell.com	AGIS	1.544	425	Yes	Yes	\$19.95	-	-	19.95	-	-	x2
Digital Data Technologies Inc	Red Bluff, CA	916-529-6741	ddt.net	UUNET	45.000	30	No	No	\$17.95	-	-	-	-	-	-
EBS MicroSystems Web Services	Redding, CA	916-222-5586	tcp-ip.com	Sprint	1.544	27	No	Yes	\$29.95	-	-	-	-	-	-
FOOTHILL.NET, INC	Foresthill, CA	916-367-3818	foothill.net	AGIS	1.544	243	Yes	Yes	\$25.00	-	-	30.00	LucK56flex	-	-
Global Valley Internet	Sacramento, CA	916-923-6705	gvn.net	AGIS	0.099	9999	No	No	\$20.00	-	-	-	-	-	-
Harvest Computer	Grass Valley, CA	916-477-2237	gv.net	Sprint	0.099	9999	No	No	\$25.00	-	-	25.00	-	-	-
Inforum Communications	Placerville, CA	916-621-4860	inforum.net	AGIS	1.544	50	No	No	\$24.95	200	\$1.00	-	-	-	-
InnerCite	Cameron Park, CA	916-676-6359	innercite.com	Sprint	0.099	9999	No	Yes	\$9.95	15	\$1.00	-	-	-	-
Intellinet, Inc.	Sacramento, CA	916-857-6940	speedlink.com	AGIS	3.088	71	Yes	Yes	\$16.95	-	-	-	-	-	-
InterStar Network Services	Redding, CA	916-224-6866	shasta.com	Sprint	0.099	9999	No	Yes	\$14.00	-	-	-	-	-	-
InterX Technologies Inc	Sacramento, CA	916-920-3808	interx.com	AGIS	0.099	9999	No	No	\$17.95	-	-	-	-	-	-
INTERNET UNLIMITED LLC	Sacramento, CA	916-920-7873	unlimited.net	UUNET	1.544	123	No	No	\$19.95	-	-	29.95	-	-	x2
JPS.NET	Folsom, CA	916-989-7373	jps.net	CRL/AGIS/UUNET/MCI	45.000	902	Yes	No	\$99.00	-	-	109.00	x2/RocK56flex	-	-
JSP Technologies	Dixon, CA	916-678-0267	onramp113.org	AGIS	1.544	10	No	No	\$19.95	-	-	-	-	-	-
JOSHUA NET	Chico, CA	916-897-3810	joshuanet.com	MCI	3.088	181	Yes	Yes	\$17.95	-	-	29.95	-	-	x2
Lake Tahoe On Line, Inc.	Truckee, CA	916-583-1465	ltol.com	AGIS	1.544	16	No	No	\$19.95	-	-	-	-	-	-
Mako Internet Services	Yuba City, CA	916-751-1088	mako.com	Sprint	0.099	9999	No	Yes	\$20.00	-	-	-	-	-	-
Maxinet	Chico, CA	916-893-6520	maxinet.com	Sprint	0.512	79	No	Yes	\$19.95	-	-	-	-	-	-
Midtown Computer Services	Sacramento, CA	916-448-1290	midtown.net	Sprint	1.544	64	No	No	\$14.95	25	\$0.50	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP			56 Kbps DIAL-UP	
									MONTHLY	HRS.	ADDTL.	MONTHLY	ARCHITECTURE
916 Area Code ♦ CALIFORNIA													
Mother.com	Davis, CA	916-757-8070	mother.com	AGIS	0.099	9999	No	Yes	\$9.95	8	\$2.00	-	-
NSNet	Sacramento, CA	916-856-1530	ns.net	MCI/Sprint	3.088	550	Yes	Yes	\$25.00	200	\$0.50	-	-
NetLink Data-Communications Inc	Sacramento, CA	916-447-3025	netlink.net	AGIS	1.544	14	Yes	Yes	\$15.00	15	\$2.00	-	-
NetShel	Grass Valley, CA	916-274-6488	netshel.net	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
NEVADA COUNTY COMMUNITY	Nevada City, CA	916-274-5636	nccn.net	MCI	1.544	186	No	Yes	\$12.00	50	\$0.75	12.00	x2
OSB Access	North Highlands, CA	916-348-4800	osb.net	Sprint/MCI	3.088	50	No	No	\$20.00	-	-	-	-
ON THE NET	Yuba City, CA	916-821-2490	otn.net	AGIS	1.544	70	No	No	\$20.00	-	-	25.00	x2
Open Net	Sacramento, CA	916-557-2700	openet.com	AGIS	0.099	9999	Yes	Yes	\$20.00	-	\$0.01	-	-
Oronet	Penn Valley, CA	916-751-8111	oro.net	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
Pacific Insight	Chico, CA	916-894-0771	pinsight.com	MAE East	0.099	9999	No	Yes	\$24.95	-	-	-	-
Protostar Computer Tech., Inc.	Sacramento, CA	916-928-0595	protostar.com	Sprint	1.544	200	No	Yes	\$19.95	-	-	-	-
Psyberware	Lincoln, CA	916-645-4567	psyber.com	Sprint	1.544	55	No	No	\$24.00	-	-	-	-
QUIKNET INFORMATION SRVS.	Roseville, CA	916-536-9700	quiknet.com	Sprint	1.544	525	Yes	Yes	\$18.95	80	\$1.00	18.95	LucK56flex
RiverCity InterNet Providers	Sacramento, CA	916-491-0600	rcip.com	BBN	1.544	40	Yes	No	\$19.95	-	-	-	-
S&C COMMUNICATIONS	Citrus Heights, CA	916-338-6580	mpu.com	UUNET	1.544	427	Yes	Yes	\$17.95	-	-	35.00	x2/RocK56flex
SNA	Sacramento, CA	916-565-4500	sna.com	Sprint/CRL	45.000	147	Yes	Yes	\$29.95	-	-	29.95	x2
STeve's Computer Technologies	Woodland, CA	916-661-3328	woodland.net	Sprint	1.544	100	No	No	\$9.95	10	\$2.00	-	-
SnowCrest Computer Specialties, Inc.	Mount Shasta, CA	916-926-6888	snowcrest.net	CRL	1.544	393	No	Yes	\$15.00	-	-	-	-
SoliSys	Davis, CA	916-757-4686	solisys.com	AGIS	0.099	9999	No	No	\$12.00	15	\$1.50	-	-
Spiderweb Internet East	Sacramento, CA	916-362-8686	spiderwebb.com	AGIS/MAE West	3.088	40	Yes	Yes	\$16.95	50	\$0.95	-	-
Squier Consulting	Auburn, CA	916-268-3127	squierconsulting.com	DIGEX	1.544	30	Yes	No	\$16.00	200	\$0.50	-	-
Succeed.Net	Yuba City, CA	916-674-4638	succeed.net	AGIS	1.544	90	No	Yes	\$25.00	200	\$1.50	-	-
Sunset.net	Chico, CA	916-892-6500	sunset.net	MCI/Sprint	1.928	150	Yes	Yes	\$24.95	-	-	-	-
SUTTER YUBA INTERNET EXCG.	Yuba City, CA	916-755-1751	syix.com	CRL	1.544	151	Yes	Yes	\$24.95	-	-	24.95	RocK56flex/LucK56flex
Tomato Web Online	Sacramento, CA	916-441-2321	tomatoweb.com	MCI	1.544	64	No	No	\$15.00	-	-	-	-
VFR Inc	Loomis, CA	916-652-7237	vfr.net	UUNET	1.544	48	No	Yes	\$20.00	-	-	-	-
Windjammer Communications, LLC	Sacramento, CA	916-454-2114	windjammer.net	AGIS	3.088	130	Yes	Yes	\$20.00	-	-	35.00	-
WIRED INTERNET	Sacramento, CA	916-668-7650	wired2.net	MCI	44.600	192	No	No	\$17.50	-	-	17.50	x2
ARROW CRAB INTERNET INC	Reno, NV	702-786-5900	aci.net	MCI	45.000	330	Yes	Yes	\$19.95	-	-	19.95	x2
Brigadoon.com Inc	Bellevue, WA	206-562-1960	brigadoon.com	Sprint	0.099	9999	No	No	\$18.00	-	-	-	-
CALWEST	San Luis Obispo, CA	805-546-3573	calwest.net	CRL	3.088	600	No	No	\$9.95	-	-	12.95	x2
CASTLES INFORMATION NTWK.	Fairfield, CA	707-422-7311	castles.com	UUNET/MCI	3.088	285	Yes	Yes	\$20.00	-	-	20.00	x2
Direct Network Access (DNAI)	Berkeley, CA	510-649-6110	dnai.com	UUNET	3.088	450	Yes	Yes	\$25.00	150	\$0.50	-	-
Gold Country Online Services	Jackson, CA	209-296-7710	goldcountry.com	MCI	0.099	9999	No	No	\$20.00	-	-	-	-
Great Basin Internet Services, Inc	Reno, NV	702-348-7299	greatbasin.net	UUNET	3.088	630	Yes	Yes	\$20.00	-	-	-	-
Ground Zero Communications, Inc.	Stockton, CA	209-474-2600	comsec.net	IBM/AGIS	3.088	10	Yes	Yes	-	-	-	-	-
Hurricane Electric	San Jose, CA	408-282-1540	he.net	UUNET/MAE West/CIX	45.000	-	Yes	No	-	-	-	-	-
Idiom Consulting	Oakland, CA	510-658-5700	idiom.com	UUNET	1.544	96	Yes	Yes	\$30.00	240	\$0.25	-	-
INREACH INTERNET COMMUN.	Stockton, CA	209-926-0055	inreach.com	UUNET/MCI/Sprint	45.000	2520	Yes	No	\$19.95	-	-	19.95	x2/RocK56flex
INTERCOMM	Sparks, NV	702-353-2600	intercomm.com	PSINet	10.000	480	Yes	Yes	\$19.95	-	-	19.95	RocK56flex/LucK56flex
Interactive Satellite Internet Srvs	Rigby, ID	208-745-8552	axess.net	MCI	1.544	128	No	No	\$20.00	-	-	-	-
Lightspeed Net	Bakersfield, CA	805-325-7873	lightspeed.net	CRL/CWIX	45.000	1740	Yes	Yes	\$19.95	-	-	-	-
NETConnect	Cedar City, UT	801-865-7032	tcd.net	MCI/Sprint/UUNET	30.000	696	Yes	Yes	\$19.95	-	-	19.95	-
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00	-	-	-	-
Pacific Bell Internet Services	San Francisco, CA	415-442-4900	pacbell.net	AGIS/IBM	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
SONNET Networking	Sonoma, CA	209-532-2750	sonnet.com	IBM	1.544	223	No	Yes	\$19.95	50	\$1.49	-	-
Sierra-Net Inc	Incline Village, NV	702-832-6911	sierra.net	Sprint	0.099	9999	No	Yes	\$18.95	-	-	-	-
Silicon Connections	Moraga, CA	510-631-0101	silcon.com	MCI	1.544	70	No	Yes	\$19.95	-	-	-	-
Sirius Connections	San Francisco, CA	415-865-5000	sirius.com	UUNET/Sprint/MCI	6.176	864	Yes	No	\$18.95	-	-	-	-
Softcom	Galt, CA	209-745-5272	softcom.net	Sprint/Sprint	0.099	9999	Yes	No	\$12.00	-	-	-	-

SOUTH VALLEY INTERNET INC	San Martin, CA	408-683-4533	garlic.com	UUNET	3.088	240	Yes	Yes	\$20.00	-	-	20.00	RockK56flex
TCSN - The Computer Shop Netlink	Paso Robles, CA	805-227-7000	tcsn.net	CRL/MCI	7.544	115	No	Yes	\$19.95	-	-	-	-
Tahoe On-line	Stateline, NV	702-588-0616	tol.net	Sprint/MCI	3.088	180	No	Yes	\$18.95	-	-	-	-
THE COMPUTER DEPOT	Jackson, CA	209-223-5043	cdepot.net	MCI	1.544	324	No	Yes	\$20.00	-	-	20.00	RockK56flex/LucK56flex
THE GRID	San Luis Obispo, CA	805-781-6600	thegrid.net	CRL	3.088	1000	No	No	\$19.95	-	-	19.95	x2
The Library Network	Wayne, MI	313-326-8910	tln.lib.mi.us	MCI	1.544	4092	No	No	\$10.00	-	-	-	-
West Coast Online Inc	Rohnert Park, CA	707-586-3060	wco.com	MCI	0.099	9999	Yes	No	\$19.95	-	-	-	-

917 Area Code ♦ NEW YORK

Alpha Internet	New York, NY	212-271-4333	an.net	MCI	13.080	192	Yes	No	\$10.00	-	-	-	-
Kazan Corp	New York, NY	212-888-8780	escape.com	Sprint/MCI	13.088	450	Yes	Yes	\$12.50	-	-	-	-
Net Access	Glenside, PA	215-576-8669	netaxs.com	MAE East/MAE West/NY Nap	0.099	9999	No	Yes	\$15.00	-	-	-	-
Optimized Computer Solutions Inc	New York, NY	212-727-2100	ocsny.com	UUNET	1.544	8	Yes	Yes	-	-	-	-	-
PRECIPICE, INC.	New York, NY	212-645-7970	precipice.com	UUNET/AGIS	4.588	64	Yes	Yes	\$20.00	-	-	30.00	x2/RockK56flex
ZONE ONE NETWORKS	New York, NY	212-292-8989	zone.net	MCI/Sprint	45.000	216	Yes	No	\$10.00	-	-	20.00	x2

918 Area Code ♦ OKLAHOMA

BUSINESS PRODUCTS & SYS.	Tulsa, OK	918-664-0094	busprod.com	MCI	1.544	207	No	No	\$12.95	-	-	12.95	x2
CWIS Internet Services	Stigler, OK	918-967-2858	cwis.net	Sprint	0.512	65	Yes	No	\$9.95	15	\$2.40	-	-
Central Oklahoma Telephone Co	Davenport, OK	918-377-2241	cenoktel.net	MCI	1.544	16	No	No	\$18.95	40	\$1.00	-	-
Cimarron Valley Internet	Cushing, OK	918-225-1108	tiger.net	MCI	0.099	9999	No	No	\$29.95	-	-	-	-
Cottage Software Inc	Tulsa, OK	918-742-3510	cottagesoft.com	Sprint	1.544	168	Yes	Yes	\$19.95	-	-	-	-
Cyberlink Rural Telecom. Inc	Poteau, OK	918-647-9887	clnk.com	BBN	0.099	9999	No	No	\$19.95	-	-	-	-
GALAXY STAR SYSTEMS	Tulsa, OK	918-835-3655	galstar.com	Sprint	1.544	1242	Yes	Yes	\$9.95	30	\$1.20	9.95	RockK56flex
INTERNETworks	Jenks, OK	918-299-5494	inworks.net	Sprint	0.099	9999	No	No	\$29.95	60	-	-	-
Intellex Corp	Tulsa, OK	918-627-3999	intellex.com	MCI	0.099	9999	No	No	\$19.95	-	-	-	-
Internet America	Pryor, OK	918-825-2985	radware.net	MCI	0.384	30	No	No	\$19.95	-	-	-	-
Internet Communications of Oklahoma	McAlester, OK	918-426-4031	icok.net	AGIS	0.099	9999	No	No	\$25.00	-	-	-	-
iTulsa	Tulsa, OK	918-835-8388	itulsa.net	Sprint	4.632	96	No	Yes	\$10.00	-	-	-	-
ON-LINE PLUS INTERNET SRVS.	Bixby, OK	918-366-8201	on-lineplus.net	MCI	1.544	126	Yes	Yes	\$14.95	-	-	14.95	LucK56flex
Dallas Internet	Plano, TX	972-881-9595	dallas.net	Sprint	0.099	9999	No	Yes	\$24.95	-	-	-	-
Ethos Communications Corp	Oklahoma City, OK	405-232-1687	oklahoma.net	Sprint	0.099	9999	No	Yes	\$14.95	-	-	-	-
FullNet Communications	Oklahoma City, OK	405-232-0958	fullnet.net	MCI	1.544	376	Yes	No	\$29.95	-	-	-	-
InterCon Inc	Oklahoma City, OK	405-236-4266	icon.net	MCI	0.099	9999	No	Yes	\$14.95	60	\$1.00	-	-
Internet Now Inc.	Midwest City, OK	405-733-2611	inetnow.com	GoodNet/MCI	0.099	9999	Yes	Yes	\$14.95	-	-	-	-
Internet Partners of America	Fort Smith, AR	501-785-0300	ipa.net	MCI/Sprint	3.088	759	Yes	Yes	\$11.95	25	\$0.95	-	-
IONET	Oklahoma City, OK	405-270-0999	ionet.net	MCI/Sprint/GoodNet/DIGEX	24.664	4047	Yes	Yes	\$18.95	-	-	18.95	x2
LDS iAmerica	Monroe, LA	318-388-1389	iamerica.net	MCI/UUNET	7.544	2172	Yes	Yes	\$9.95	11	\$2.00	-	-
LENAPE INFORMATION SYSTEMS	Stillwater, OK	405-372-7704	cowboy.net	MCI	1.544	80	Yes	No	\$30.00	-	-	45.00	x2
NetSpace Internet Services	Salina, KS	913-823-3565	midusa.net	MCI	3.088	546	Yes	Yes	\$18.95	-	-	-	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
TELEPATH SYSTEMS INC	Norman, OK	405-321-1900	telepath.com	UUNET	13.088	350	Yes	Yes	\$17.95	-	-	17.95	RockK56flex
Virtual Community Ltd	Oklahoma City, OK	405-748-6093	soonernet.com	UUNET	1.544	46	Yes	Yes	\$14.95	30	\$11.00	-	-
World Linx Inc	Little Rock, AR	501-954-9090	cei.net	Sprint/MCI	13.894	480	Yes	Yes	\$19.95	480	\$1.00	-	-

919 Area Code ♦ NORTH CAROLINA

Cape Lookout Internet Services	Beaufort, NC	919-728-4077	clis.com	UUNET	1.544	95	No	No	\$19.95	-	-	-	-
Carolina Connection	New Bern, NC	919-637-8113	cconnect.net	MCI	1.544	60	Yes	No	\$20.00	-	-	-	-
CHUDYS INTERNATIONAL	Durham, NC	919-383-7290	gloryroad.net	BBN/MCI	6.176	288	Yes	Yes	\$20.00	-	-	20.00	RockK56flex/LucK56flex
CoastalNet	New Bern, NC	919-633-9997	coastalnet.com	MCI/Sprint	3.088	1050	Yes	No	\$19.95	-	\$1.50	-	-
Corporate Internet Solutions, Inc.	Raleigh, NC	919-856-0092	corpis.net	MCI	1.544	46	Yes	Yes	-	-	-	-	-
deltaComm Development	Cary, NC	919-460-4556	delta.com	Netcom	1.544	26	No	Yes	\$19.95	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY	HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY	ARCHITECTURE
919 Area Code ♦ NORTH CAROLINA												
EMJ INTERNET	Apex, NC	919-363-4441	emji.net	UUNET	1.544	112	Yes	Yes	\$45.00	-	45.00	x2
Global TransNet Systems	Middlesex, NC	919-235-2047	gtms.com	Sprint	0.192	9	No	Yes	\$19.95	-	-	-
Interlan Communications	Raleigh, NC	919-852-0690	ilan.net	CRL/MCI	4.688	20	Yes	Yes	-	-	-	-
Interpath	Raleigh, NC	919-890-6300	interpath.net	Sprint	0.099	9999	Yes	Yes	\$29.00	-	-	-
Intrex Inc	Durham, NC	919-406-1578	intrex.net	MCI/CWIX	3.088	344	Yes	Yes	\$14.99	-	-	-
MCNC Connect	Research Triangle Park, NC	919-248-1868	mcnc-connect.com	Sprint/MCI	45.000	-	Yes	No	-	-	-	-
MCS Internet Services	Goldsboro, NC	919-751-5777	gld.com	UUNET	0.099	9999	No	No	\$20.00	-	-	-
MMS Information Systems	Raleigh, NC	919-779-5059	mms.net	MCI	1.544	64	No	No	\$15.00	-	-	-
NTRnet Systems Inc	Research Triangle Park, NC	919-477-3399	ntmet.net	UUNET/MCI	3.088	300	Yes	Yes	\$14.99	-	-	-
NetWorks	Raleigh, NC	919-518-8034	ntwrks.com	Sprint	0.099	9999	Yes	No	\$19.95	-	19.95	-
OrigNet Inc	Apex, NC	919-362-8212	origi.net	UUNET	0.099	9999	No	Yes	\$100.00	-	-	-
PIN Digital Corporation	Goldsboro, NC	919-735-7735	pindigital.net	-	1.544	40	No	Yes	\$20.00	-	-	-
Passport Internet Access	Raleigh, NC	919-839-2000	ipass.net	BBN/UUNET	3.088	190	No	Yes	\$16.99	-	-	-
Skantech Computers Inc	Greenville, NC	919-752-6832	skantech.com	UUNET	1.544	100	No	No	\$9.95	30	\$1.50	-
StarGate Technologies Inc	Apex, NC	919-303-5503	trader.net	MCI/Sprint	3.088	-	Yes	No	-	-	-	-
The 3rd Door Inc	Roanoke Rapids, NC	919-535-2695	3rddoor.com	MCI	1.544	38	No	No	\$19.95	-	-	-
The Internet Center Inc	Raleigh, NC	919-233-2000	intercenter.net	MCI	0.099	9999	Yes	Yes	\$29.95	40	\$1.50	-
Triangle Internet Co	Raleigh, NC	919-872-8435	tico.com	-	3.088	20	Yes	Yes	-	-	-	-
Vance Net Inc	Henderson, NC	919-492-4141	vance.net	DataXchange	1.544	73	Yes	Yes	\$25.00	-	-	-
VISIONNET NETWORK SERVICES	Hillsborough, NC	919-732-9885	visionet.org	BBN	3.500	84	Yes	Yes	\$20.00	-	150.00	Rock56flex
World of Computers of Kinston, Inc	Kinston, NC	919-522-4012	eastlink.net	Sprint	1.544	46	No	No	\$18.00	-	-	-
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-	-	-
CrossLink Internet Access	Springfield, VA	703-642-1120	crosslink.net	Sprint	11.544	458	Yes	Yes	\$19.95	120	\$0.08	-
Dilan	Hickory, NC	704-328-8551	w3link.com	Sprint	0.099	9999	Yes	No	\$14.95	-	-	-
EYenet Communications	Dunn, NC	910-892-0550	nceye.net	MCI	1.544	100	No	No	\$20.00	90	\$1.25	-
GROUND ZERO COMMUN.	Homestead, FL	305-246-0302	gzinc.com	GridNet/MCI	6.176	696	Yes	Yes	\$17.95	-	17.95	LucK56flex
InterStar Communications Inc	Clinton, NC	910-592-4638	intrstar.net	MCI	1.544	225	Yes	No	\$19.95	-	-	-
KIVEX Inc	Bethesda, MD	301-215-7744	kivex.com	UUNET/MCI	45.000	-	Yes	No	-	-	-	-
Netpath Inc	Burlington, NC	910-226-0425	netpath.net	MCI	1.544	144	Yes	Yes	\$20.00	50	\$2.00	-
Network Data Link Inc	Framingham, MA	508-877-7663	ndl.net	UUNET/MCI	3.088	76	Yes	Yes	\$15.00	60	\$1.00	-
Roxboro Online	Rougemont, NC	910-364-9252	roxboro.net	MCI	1.544	31	No	No	\$25.00	-	-	-
SpectraSystems Inc.	Roxboro, NC	910-599-0058	person.net	Sprint	1.544	40	No	No	\$23.95	-	-	-
VISIONARY SYSTEMS	Newport News, VA	804-873-4500	visi.net	MAE East/MAE West	45.000	2960	Yes	Yes	\$20.00	-	20.00	x2/Rock56flex/LucK56flex

920 Area Code ♦ WISCONSIN

Global Dialog Internet	Madison, WI	608-223-0955	globaldialog.com	AGIS	10.535	268	Yes	Yes	\$18.95	-	-	-
puerta on-line	Green Bay, WI	414-430-2000	puerta.com	Sprint	0.099	9999	No	No	\$17.99	-	-	-
VisionNet	Milwaukee, WI	414-273-8200	vws.net	DataXchange	1.544	-	Yes	No	-	-	-	-

937 Area Code ♦ OHIO

COMMKEY NETWORK, LTD.	Dayton, OH	937-496-2456	commkey.net	UUNET	1.544	128	No	Yes	\$18.95	-	22.95	Rock56flex
DONet Inc	Dayton, OH	937-256-7288	donet.com	MCI	1.544	46	Yes	No	\$45.00	-	-	-
Datalytics, Inc.	Dayton, OH	937-226-7700	datalytics.com	MCI/Sprint	3.088	31	Yes	Yes	-	-	-	-
EriNet Online Communications	Dayton, OH	937-291-1995	erinet.com	MCI/DIGEX	45.000	1358	Yes	Yes	\$29.99	-	-	-

Hassler Communication Systems	Beavercreek, OH	937-427-9000	hcst.net	MCI	1.544	100	Yes	No	\$29.95	-	-	-	-
Midwest Internet	Kettering, OH	937-297-6212	mics.net	Sprint	1.544	46	No	Yes	\$19.95	-	-	-	-
Resource Concepts, Inc	Dayton, OH	937-223-4144	rcinet.com	MCI	1.544	53	No	No	\$19.95	-	-	-	-
The Dayton Network Access Co	Dayton, OH	937-463-5555	dnaco.net	DIGEX	1.544	75	No	No	\$14.95	-	-	-	-
VRnet Co	Dayton, OH	937-299-7653	vr.net	MCI	0.128	24	No	No	\$19.95	-	-	-	-
ALPHALINK INC	Newark, OH	614-364-0271	alink.com	MCI/CompuServe	3.088	196	Yes	No	\$19.95	-	-	19.95	x2
COAX-NET INTERNET SERVICES	Vandalia, OH	513-236-0600	coax.net	MCI	1.544	97	Yes	Yes	\$24.95	-	-	24.95	Rock56flex
DOT-NET LTD.	Cincinnati, OH	513-688-8330	dot-net.net	Sprint	1.544	196	Yes	Yes	\$17.95	-	-	24.95	x2
GlassCity Internet, Inc.	Toledo, OH	888-452-7763	glasscity.net	Sprint	3.088	720	Yes	Yes	\$15.95	-	-	-	-
INFINET (INFINITE SYSTEMS)	Columbus, OH	614-241-2990	infinet.com	MCI/Sprint	4.632	1070	Yes	Yes	\$19.95	-	-	19.95	x2
Integrated Communications	Cincinnati, OH	513-860-9052	intcom.net	MCI	0.099	9999	Yes	Yes	\$25.00	-	-	-	-
OPTIMUM.NET Internet Services	Cincinnati, OH	513-956-5000	optimum.net	ANS	1.544	125	Yes	Yes	\$4.95	5	\$1.25	-	-
WESNet Systems	Piqua, OH	513-773-0478	wesnet.com	MCI	10.000	234	Yes	Yes	\$9.95	5	\$2.95	-	-

941 Area Code ♦ FLORIDA

Access Unlimited	Sarasota, FL	941-371-0111	acun.com	MCI	1.544	24	Yes	No	\$19.00	-	-	-	-
Coconet Corp	Cape Coral, FL	941-540-2626	coconet.com	UUNET	1.544	69	Yes	Yes	\$20.00	420	-	-	-
CYBERSTREET	Fort Myers, FL	941-334-4484	cyberstreet.com	Sprint	1.544	130	Yes	No	\$20.00	100	\$0.25	27.00	Rock56flex
desoto.net	Arcadia, FL	941-494-7692	desoto.net	Sprint	1.544	22	No	No	\$19.95	-	-	-	-
ENGLEWOOD ONLINE	Englewood, FL	941-474-7479	ewol.com	Sprint	1.544	140	No	No	\$24.00	450	\$0.50	29.00	Rock56flex
Florida Network Technologies Inc	Sarasota, FL	941-927-0799	flnet.com	Sprint	6.176	288	Yes	Yes	\$19.99	-	-	-	-
GLS3C Systems	Placida, FL	941-698-6991	gls3c.com	Sprint	1.544	12	No	No	\$15.00	40	\$0.50	-	-
INFO*Net Information Services Inc	Fort Myers, FL	941-275-6810	hawk.net	Sprint	1.544	25	No	No	\$20.00	-	-	-	-
InterLine	Fort Myers, FL	941-656-2302	iline.com	Sprint	0.128	30	No	No	\$12.95	-	-	-	-
iThink, Imaginative Thinking	Winter Haven, FL	941-299-6372	ithink.com	MCI/Sprint	4.632	-	Yes	No	-	-	-	-	-
Net Sarasota	Sarasota, FL	941-371-1966	netsrq.com	Sprint	0.256	28	No	No	\$20.00	-	-	-	-
On Line Services USA Inc	Fort Myers, FL	941-275-5550	olsusa.com	Sprint	1.544	60	No	No	\$19.95	-	-	-	-
PCS Online Services	Bradenton, FL	941-795-6390	pcsonline.com	Sprint	0.099	9999	No	Yes	\$19.95	-	-	-	-
Sunline	Port Charlotte, FL	941-629-8256	sunline.net	Sprint	0.099	9999	No	No	\$25.00	-	-	-	-
TNT Online Inc	Fort Myers, FL	941-337-7007	trtonline.com	Sprint	1.544	34	Yes	No	\$25.00	-	-	-	-
Technisolv Inc	Lakeland, FL	941-680-2338	tsolv.com	UUNET	0.099	9999	No	No	\$19.95	-	-	-	-
The NutHouse Inc	Port Charlotte, FL	941-625-2441	thenuthouse.com	Sprint	1.544	30	No	No	\$20.00	-	-	-	-
USA Computers	Fort Myers, FL	941-939-5630	usacomputers.net	Sprint	1.544	20	No	No	\$19.95	-	-	-	-
Creative Friendly Tech Inc	Tampa, FL	813-980-1317	cftnet.com	BBN	0.099	9999	Yes	No	\$10.00	90	-	-	-
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-	-	-	-
FLORIDA ONLINE	Rockledge, FL	407-635-8888	digital.net	Sprint	45.000	1600	Yes	Yes	\$20.00	150	\$0.50	20.00	x2
HAYES COMPUTER SYSTEMS	Tallahassee, FL	904-297-0551	hcs.net	GridNet	10.808	96	Yes	No	\$19.95	-	-	50.00	Rock56flex
Internet Network Corp	Port Richey, FL	813-842-4444	innet.com	UUNET/ANS	0.099	9999	No	No	\$20.00	80	\$1.00	-	-
NetControl	Daytona Beach, FL	904-226-2260	netctrl.com	MCI/GoodNet	0.099	9999	Yes	Yes	\$19.95	-	-	-	-
NETLINE COMMUNICATIONS	West Palm Beach, FL	561-966-5459	netline.net	Sprint	1.544	160	Yes	Yes	\$19.95	-	-	49.95	x2
NetPassage Inc	Orlando, FL	407-843-7277	netpass.com	MCI	15.400	120	Yes	No	\$19.95	-	-	-	-
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-	-	-	-
Packetworks	Cleatwater, FL	813-446-8826	packet.net	Sprint	1.544	300	Yes	Yes	\$20.00	60	\$0.50	-	-
Southeast Network Services Inc	Jacksonville, FL	904-350-1969	southeast.net	GoodNet	10.000	517	Yes	Yes	\$19.95	-	-	-	-
Tampa Bay Amiga Group	Land O Lakes, FL	813-888-9035	tbag.org	Sprint	4.632	10	No	No	\$20.00	600	\$0.01	-	-

954 Area Code ♦ FLORIDA

Acquired Knowledge Systems Inc	Fort Lauderdale, FL	954-525-2574	aksi.net	Sprint	3.088	69	No	Yes	\$19.95	60	\$1.00	-	-
Atlantic Internet Insitute Inc	Sunrise, FL	954-491-0506	aii.net	MCI	1.544	32	Yes	No	\$24.95	-	-	-	-
ComStar USA, Inc.	Sunrise, FL	954-777-4050	csusa.net	Sprint	1.544	20	No	No	\$16.00	-	-	-	-

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
954 Area Code ♦ FLORIDA										
CyberAgency Corp	Fort Lauderdale, FL	954-677-9327	cyberagency.net	BBN	0.099	9999	Yes	No	\$19.95	-
CyberGate, Inc.	Deerfield Beach, FL	954-429-8000	gate.net	Sprint	45.000	2000	Yes	Yes	\$17.95	-
Florida Xpress Net	Deerfield Beach, FL	954-427-9655	fxn.com	Sprint	1.544	400	Yes	Yes	\$19.95	-
Fort Lauderdale Network	Fort Lauderdale, FL	954-489-3981	ft.lauderdale.net	CWIX/BBN	45.000	-	Yes	No	-	-
Instant Internet and More Inc	Fort Lauderdale, FL	954-561-4827	instant-net.com	CWIX	0.099	9999	No	Yes	\$16.95	-
INTERPOINT INTERNET COMM	Cooper City, FL	954-434-4600	interpoint.net	MCI	1.544	60	No	Yes	\$19.95	x2
InterServer Inc.	Pompano Beach, FL	954-472-0661	isol.net	Sprint	1.544	13	No	Yes	\$15.95	-
LakerNet	Fort Lauderdale, FL	954-359-3670	laker.net	Sprint	0.099	9999	Yes	Yes	\$19.95	-
nethaus inc	Fort Lauderdale, FL	954-564-6000	nethaus.net	UUNET	0.099	9999	No	No	\$19.95	-
Net Solutions Inc	Plantation, FL	954-473-6659	netsolutions.net	Sprint/MCI	3.088	96	Yes	Yes	\$24.95	-
Netdor Corp	Boca Raton, FL	954-776-9593	netdor.com	GridNet	0.099	9999	Yes	Yes	\$15.95	-
New World Telecommunications, Inc.	Fort Lauderdale, FL	954-370-0486	nwt.net	BBN	1.544	200	Yes	No	\$15.00	-
PowerSite Internet Services, Inc.	Deerfield Beach, FL	954-427-6144	powersite.net	MCI	1.544	32	No	No	\$17.50	300 \$1.00
Safari Internet	Fort Lauderdale, FL	954-537-9550	safari.net	MCI	1.544	200	Yes	No	\$24.95	-
SatelNet Communications Inc	Davie, FL	954-321-5660	satelnat.org	AGIS/MCI/UUNET	4.632	70	Yes	No	\$25.00	-
The Data Channel	Margate, FL	954-344-9700	datachan.com	Sprint	1.544	16	No	No	\$10.95	-
WebStar Inc.	Deerfield Beach, FL	954-428-8829	web-star.net	MCI	3.088	175	Yes	Yes	\$19.95	-
AGE Technology	Hialeah, FL	305-883-8880	agetech.net	GridNet	1.544	35	Yes	Yes	\$18.50	200 \$0.25
BellSouth Telecommunications	Atlanta, GA	404-780-2800	bellsouth.net	IBM	0.099	9999	No	No	\$19.95	-
BridgeNet LLC	Miami, FL	305-374-3031	bridge.net	UUNET/MCI	3.088	420	Yes	Yes	\$19.95	-
DAILY PLANET INTERNET SRVS.	Boca Raton, FL	561-369-1022	dailyplanet.net	Sprint/MCI	4.632	292	Yes	Yes	\$19.95	29.95
Florida Internet Corp	West Palm Beach, FL	407-615-0001	flinet.com	MCI/Sprint	3.088	200	Yes	Yes	\$19.95	-
FLORIDA ONLINE	Rockledge, FL	407-635-8888	digital.net	Sprint	45.000	1600	Yes	Yes	\$20.00	150 \$0.50 20.00
Global Datalink, Inc.	Orlando, FL	407-841-3690	gdi.net	Sprint	0.099	9999	Yes	Yes	\$14.95	100 \$1.00 18.00
ICANECT	Miami, FL	305-621-9200	icanect.net	UUNET/Sprint/CWIX	45.000	3058	Yes	Yes	\$17.95	300 -
ISP International	North Miami Beach, FL	305-919-8199	isp-inter.net	AT&T	1.544	30	No	No	\$17.00	720 -
IntelliSTAR	Orlando, FL	407-896-4882	intellistar.net	Sprint	0.099	9999	Yes	Yes	\$20.00	-
INTERNET ASSOCIATES INC	Sanford, FL	407-328-1052	reps.net	UUNET	1.544	750	No	No	\$19.95	19.95
Internet Paradise Inc	Atlanta, GA	770-980-0078	paradise.net	MCI	45.000	120	Yes	Yes	\$19.95	-
Internet Providers Of Florida	Miami, FL	305-273-7978	fla.net	UUNET	45.000	492	Yes	Yes	\$12.50	100 -
M.A.G. Information Services	Lake Worth, FL	561-964-9841	magg.net	MCI	1.544	273	Yes	Yes	\$19.95	-
MATRIX COMMUNICATIONS, INC.	West Palm Beach, FL	561-615-6699	maco.net	BBN	1.544	202	Yes	Yes	\$17.95	17.95
Miami Herald	Miami, FL	305-376-3710	herald.com	MCI	1.544	96	No	No	\$19.95	-
NETLINE COMMUNICATIONS	West Palm Beach, FL	561-966-5459	netline.net	Sprint	1.544	160	Yes	Yes	\$19.95	49.95
NETRUNNER INC	Miami, FL	305-255-5800	netrunner.net	UUNET/AGIS	9.264	460	Yes	Yes	\$19.95	49.00
NetSide Corp	Miami Beach, FL	305-531-1995	netside.net	MCI	1.544	128	Yes	No	\$15.00	-
Netpoint Communications	Miami, FL	305-891-9998	netpoint.net	Sprint	0.099	9999	No	No	\$25.00	120 \$1.00
Netrus	Miami, FL	305-717-3221	netrus.net	UUNET/Sprint	3.088	171	Yes	Yes	\$25.00	-
Netsouth Communications Corp	Jacksonville, FL	904-781-9060	netsouth.net	UUNET/Sprint	45.000	-	Yes	No	-	-
New Power BBS Inc	Boca Raton, FL	561-750-7455	newpower.com	GridNet	3.088	212	Yes	Yes	\$16.90	-
NOW ONLINE INC	Maple Heights, OH	216-518-5000	now-online.com	Sprint/MCI	3.088	210	Yes	No	\$9.95	18.95
PowerPoint Consulting Group, Inc.	Miami, FL	305-225-2505	powerpoint.com	UUNET	0.099	9999	No	No	\$18.95	-
SoFlo Internet Services Corp	Miami, FL	305-892-4440	soflo.net	GridNet	1.544	355	Yes	Yes	\$15.00	-
Solutions Consulting Services	Miami, FL	305-994-7404	netscs.com	AGIS	0.099	9999	No	No	\$19.95	100 \$0.50
SOUTHERN INTERNET SERVICES	Palm Beach Gardens, FL	561-627-7227	siservices.net	BBN	1.544	134	Yes	Yes	\$19.95	34.95
StarServe Communications Inc	Miami, FL	305-418-4100	starserve.com	AGIS/MCI/UUNET	4.632	120	No	No	\$19.95	-
The EmiNet Domain	Boynton Beach, FL	561-731-0222	emi.net	Sprint	3.088	400	No	No	\$19.95	-
THENET DIGITAL SERVICES INC	Miami, FL	305-377-1755	thenet.net	UUNET	45.000	392	Yes	Yes	\$22.00	-
Tri-First Corp	Miami, FL	305-621-5676	tfcmiami.net	PSINet	0.099	9999	No	No	\$15.00	-

WAMNETRUNNER	Boca Raton, FL	407-392-9422	wamnetrunner.com	UUNET/AGIS	3.088	530	Yes	Yes	\$19.95			25.00		x2
Zimmerman Communications	Plantation, FL	305-584-0199	zim.com	MCI	1.544	30	No	Yes	\$18.95					

970 Area Code ♦ COLORADO

Clark and Thompson Online Services	Greeley, CO	970-353-8126	ctos.com	Sprint/BBN	3.088	41	No	Yes	\$19.95					
Colorado Internet	Gunnison, CO	970-641-0555	gunnison.net	DataXchange	0.099	9999	Yes	No	\$20.00					
ColoradoNet Internet Services	Breckenridge, CO	970-453-0823	colorado.net	MCI	0.099	9999	Yes	No	\$19.95					
EZLink Internet Access	Fort Collins, CO	970-482-0807	ezlink.com	Sprint	1.544	26	Yes	Yes	\$20.00					
Farmers Online Netowrk	Pleasant View, CO	970-564-1824	fone.net	Sprint	1.544	55	Yes	No	\$14.95	20	\$0.70			
Front Range Internet Inc	Fort Collins, CO	970-224-3668	frii.com	MCI/Sprint	3.088	176	Yes	Yes	\$20.00					
Frontier Internet	Durango, CO	970-385-4177	frontier.net	Sprint	0.099	9999	Yes	No	\$15.00	20				
Grand County Internet Services	Grand Lake, CO	970-627-0034	rkymtnhi.com	MCI	45.000	21	No	No	\$21.95					
GREAT WESTERN ELECTRONICS	Montrose, CO	970-249-6266	gwe.net	Sprint	1.544	40	No	No	\$19.95			27.95		x2
HIGH PLAINS DATA COMMUN.	Sterling, CO	970-522-5711	hpdc.com	BBN	0.099	9999	Yes	No	\$32.50			100.00		x2
INFO2000 Corp	Fort Collins, CO	970-416-1211	info2000.net	Sprint	0.099	9999	No	No	\$17.95					
Independence Network Corp	Ridgway, CO	970-626-5399	independence.net	Sprint/BBN	45.000	17	Yes	No	\$4.95	3	\$2.50			
Information Technologies Intl Inc	Grand Junction, CO	970-245-3778	iti2.net	MCI	1.544	50	Yes	No	\$24.95					
JYM Information System LLC	Fort Collins, CO	970-493-8776	jymis.com	Sprint	1.544	17	No	No	\$20.00					
MONTROSE INTERNET	Montrose, CO	970-249-9722	montrose.net	MCI/CRL	3.088	72	Yes	No	\$25.00			30.00		Rock56flex
NSN Network Services Ltd	Avon, CO	970-949-7774	nsn.net	Sprint	4.632	48	Yes	No	\$19.95	100	\$1.00			
Online Marketing Network, Inc.	Loveland, CO	970-593-9311	omn.com	Sprint	1.544	26	No	No	\$15.00					
Page Plus	Fort Collins, CO	970-484-1933	pageplus.com	Sprint	1.544	58	Yes	Yes	\$20.00					
PawneeNet Internet Services	Eaton, CO	970-454-3048	pawneenet.com	MCI	3.088	15	No	No	\$15.00					
ROARING FORK COMP. SOCIETY	Aspen, CO	970-925-7408	rof.net	Sprint	1.544	149	No	No	\$10.00			15.00		x2
RuralNet	Grand Junction, CO	970-256-9677	gj.net	MCI/UUNET	3.088	178	Yes	Yes	\$19.95					
Sterling Online Services Inc	Sterling, CO	970-522-7676	sosinc.net	MCI	4.632	24	Yes	No	\$9.95	10	\$2.00			
THE HARD DRIVE	Winter Park, CO	970-726-9141	theharddrive.net	CRL	45.000	32	Yes	No	\$25.00			125.00		x2
VailNet	Vail, CO	970-476-9191	vail.net	Sprint	0.099	9999	Yes	No	\$19.95	100	\$1.00			
Verinet Communications Inc	Fort Collins, CO	970-416-9152	verinet.com	Sprint	1.544	78	No	No	\$19.95					
Web Access Inc	Fort Collins, CO	970-221-2555	webaccess.net	Sprint/BBN	4.632	176	Yes	No	\$15.00					
INTERACT	Denver, CO	800-328-2879	uswest.net	UUNET/MCI/MCI	18.000	2772	Yes	Yes	\$19.95	30	\$1.50			
CCO Inc	Lacey, WA	360-705-2299	cco.net	UUNET	0.099	9999	Yes	Yes	\$22.00					
CompuNerd Inc	Colorado Springs, CO	719-579-2200	databahn.net	MCI/ANS	45.000	500	Yes	No	\$25.00	35	\$2.00			
DIMENSIONAL COMMUNICAT.	Denver, CO	303-285-4638	dimensional.com	UUNET/GoodNet	3.088	375	Yes	Yes	\$25.00			25.00		LucK56flex
Earthnet Inc	Boulder, CO	303-546-6362	earthnet.net	Sprint	1.544	56	Yes	Yes	\$18.00	20	\$2.00			
LanMinds Inc	Berkeley, CA	510-843-6389	lanminds.com	UUNET/Sprint	6.176	164	No	Yes	\$20.00					
Mile High Online	Denver, CO	303-584-9711	mho.net	MCI	1.544	550	Yes	Yes	\$19.95					
NeTrack	Boulder, CO	303-938-0188	netrack.net	BBN	3.000	-	Yes	No						
Nexsys Electronics Inc	San Francisco, CA	415-541-9980	medweb.net	Sprint	0.099	9999	No	Yes	\$99.00					
ONLINE SYSTEM SERVICES	Denver, CO	303-296-9200	ossinc.net	Sprint/MCI	3.088	48	Yes	No	\$19.95	20	\$2.00	19.95		x2
Rocky Mountain Internet Inc	Denver, CO	303-672-0700	rmi.net	MCI/ANS	45.000	485	Yes	No	\$25.00	50	\$2.00			
Rural Internet Access Inc	La Junta, CO	719-384-4045	ruralnet.net	Sprint	3.088	150	Yes	No	\$19.95	15	\$2.25			
SUPERNET, INC	Denver, CO	303-296-8202	sni.net	MCI/BBN/Sprint	45.000	851	Yes	Yes	\$24.95	25	\$2.00	24.95		x2
Stonehenge Internet Comm	Englewood, CO	303-267-0019	henge.com	Sprint	1.544	82	Yes	No	\$25.00					
TDE Internet	Denver, CO	303-455-4252	tde.com	Sprint	1.544	52	No	Yes	\$19.95	150	\$2.00			

972 Area Code ♦ TEXAS

123go	Dallas, TX	972-680-7800	123go.com	BBN	45.000	100	Yes	Yes						
Advanced Network Technologies	Dallas, TX	972-248-1060	artech.net	DIGEX	3.088	368	No	Yes	\$25.00					
CYBERLINE	Richardson, TX	972-690-7873	cyberline.net	UUNET	0.099	9999	No	No	\$17.45					
Camelot Internet Access Services	Dallas, TX	972-733-3005	cias.net	UUNET	0.099	9999	No	No	\$19.95					
Chrysalis Online Services	Plano, TX	972-783-5099	chrysalis.org	Sprint/CRL	2.056	128	No	No	\$18.00					

PROVIDER	LOCATION	VOICE PHONE	DOMAIN NAME	BACKBONE	TOTAL BNDWIDTH Mbps	DIAL-UP PORTS	DED ACC.	ISDN	28.8 Kbps DIAL-UP MONTHLY HRS. ADDTL.	56 Kbps DIAL-UP MONTHLY ARCHITECTURE
972 Area Code ♦ TEXAS										
CompuNet, INC.	Richardson, TX	972-994-0191	cmput.net	Sprint/CRL	0.099	9999	Yes	Yes	\$19.95	-
Computer Generation Inc	Dallas, TX	972-918-9797	compugen.net	BBN	0.099	9999	No	No	\$19.95	-
CONNECTNET, INC.	Dallas, TX	972-490-7100	connect.net	Sprint/MCI	6.176	435	Yes	Yes	\$24.95	24.95
CORNERSTONE TECHNOLOGIES	Flower Mound, TX	972-355-7212	ctec.net	UUNET	0.128	10	No	No	\$19.95	45.00
CrystalBall Internet Services	Carrollton, TX	972-418-9095	crystalball.com	CRL/MCI/Sprint/PSINet	6.304	64	Yes	No	\$14.95	-
DFW Multimedia	Dallas, TX	972-774-9630	dfwmm.net	UUNET	1.544	20	Yes	Yes	\$19.95	-
Dallas Internet	Plano, TX	972-881-9595	dallas.net	Sprint	0.099	9999	No	Yes	\$24.95	-
Intex.net	Dallas, TX	972-669-0999	intex.net	UUNET	0.099	9999	No	Yes	\$24.95	100 \$1.95
LeaseNet Inc.	Dallas, TX	972-980-9319	leaset.net	BBN	0.099	9999	No	Yes	-	-
MPS Computer Services, Inc.	Carrollton, TX	972-416-3698	mpsi.net	DIGEX	1.544	200	No	No	\$11.66	-
Netgazer Solutions Inc	Dallas, TX	972-702-9119	netgazer.net	Sprint	1.544	34	Yes	Yes	\$15.00	-
River Styx Systems	Little Elm, TX	972-346-2829	riverstyx.com	UUNET	1.544	66	Yes	Yes	\$15.00	-
Southwestern Bell Internet Services	Richardson, TX	972-238-3600	swbell.net	DIGEX	0.099	9999	Yes	Yes	\$19.95	-
TDMC, Inc.	Irving, TX	972-257-5000	thedoer.net	Sprint	0.099	9999	No	No	\$20.00	\$50.00
Texas-Inet	Plano, TX	972-422-9556	texas-inet.net	DIGEX	1.544	72	Yes	Yes	\$19.00	-
WAYMARK INTERNET SERVICES	Dallas, TX	972-409-9800	waymark.net	UUNET	1.544	348	Yes	Yes	\$19.95	24.95
ANET	Naperville, IL	630-260-1975	anet-chi.com	MCI	1.544	1100	Yes	Yes	\$19.95	240 \$1.50 19.95
ANET	Arlington, TX	817-461-2638	anet-dfw.com	MCI/Nap.Net	11.544	400	Yes	Yes	\$19.95	240 \$1.00
Access Zone	Fort Worth, TX	817-332-6448	azone.net	UUNET	1.544	36	No	No	\$19.95	-
AppLink Corp	Grapevine, TX	817-481-5507	applink.net	UUNET	0.099	9999	Yes	Yes	\$19.95	-
CyberRamp Internet Services	Dallas, TX	214-340-2020	cyberramp.net	MCI/CRL	3.088	1016	Yes	Yes	\$9.95	-
DFW INTERNET SERVICES INC	Fort Worth, TX	817-332-5116	dfw.net	MCI	45.000	600	Yes	Yes	\$19.95	19.95
Ethos Communications Corp	Oklahoma City, OK	405-232-1687	oklahoma.net	Sprint	0.099	9999	No	Yes	\$14.95	-
FASTLANE COMMUNICATIONS	Fort Worth, TX	817-429-5263	fastlane.net	UUNET/Verio/Sprint	45.000	1280	Yes	Yes	\$19.95	19.95
Galaxy Access Network	Dallas, TX	214-522-3300	gan.net	Sprint	0.099	9999	Yes	No	\$5.00	-
Hex.Net Superhighway	Grapevine, TX	817-329-3182	hex.net	MCI	0.099	9999	No	No	\$19.95	-
ImaginNet Communications Ltd	Arlington, TX	817-516-0040	imagin.net	UUNET	1.544	216	No	Yes	\$15.00	-
INTERNET AMERICA	Dallas, TX	214-861-2500	airmail.net	UUNET/MAE East/CRL/MCI	45.000	4500	Yes	No	\$19.95	19.95
Internet Global Services Inc	Lewisville, TX	214-221-1335	iglobal.net	Sprint	0.099	9999	Yes	Yes	\$24.95	-
Internet Texas	Granbury, TX	817-279-8100	itexas.net	UUNET/DIGEX	3.088	94	Yes	No	\$19.95	-
Internet Texoma, Inc	Denison, TX	903-465-9331	texoma.net	UUNET	0.099	9999	Yes	Yes	\$19.95	250
Intumet Inc	Richardson, TX	214-783-0066	intur.net	CRL	0.099	9999	Yes	Yes	\$20.00	-
Johnson County Internet Svcs	Cleburne, TX	817-556-9557	jci.net	MCI	1.544	188	No	Yes	\$19.95	-
National Knowledge Networks Inc	Dallas, TX	214-880-0700	nkkn.net	UUNET/Sprint/AGIS	0.099	9999	Yes	Yes	\$19.95	-
Nova Internet Services, Inc.	Dallas, TX	214-904-9600	nova1.net	MCI	1.544	220	Yes	Yes	\$19.95	-
Onramp Technologies Inc	Dallas, TX	214-672-7267	onramp.net	MCI/Sprint	0.099	9999	Yes	Yes	\$29.95	-
Point of Presence Inc	Wylie, TX	214-442-5100	popi.net	UUNET	4.632	83	Yes	Yes	\$19.95	-
SESQUINET	Houston, TX	713-527-4988	sesqui.net	MCI	25.000	-	Yes	No	-	-
Signet Partners, Inc.	Austin, TX	512-306-0700	sig.net	Sprint/CRL/MCI	4.632	400	Yes	Yes	\$19.00	-
Spindlemedia Inc	Fort Worth, TX	817-332-5661	spindle.net	UUNET	3.088	240	Yes	Yes	\$19.95	-
StarText	Fort Worth, TX	817-390-7905	startext.net	UUNET	0.099	9999	No	No	\$19.95	-
TeleTeam Internet	Dallas, TX	214-672-6720	teleteam.net	UUNET	10.000	115	Yes	Yes	-	-
Texas CyberConnect	Hurst, TX	817-589-0517	txcc.net	MCI	3.088	102	Yes	No	\$19.95	-
Texas Metronet Inc	Euless, TX	817-267-2031	metronet.com	AGIS/Sprint/MCI/UUNET	2.312	234	No	Yes	\$16.00	-
TEXAS NETWORKING INC.	Austin, TX	512-427-1650	texas.net	MCI/Sprint/UUNET	45.000	1000	Yes	Yes	\$19.95	19.95
The Internet Connection	Dallas, TX	214-652-0169	ticnet.com	UUNET	1.544	120	No	Yes	\$14.95	-
VisionWire Inc	Dallas, TX	214-523-9019	visionwire.net	UUNET	0.099	9999	Yes	Yes	\$20.00	-
WEBWIDE NETWORK COMMUN.	Greenville, TX	903-450-8700	webwide.net	MCI/DIGEX	3.088	988	Yes	Yes	\$18.50	30.00
Why? Network	Arlington, TX	817-795-1765	why.net	Sprint	0.099	9999	No	Yes	\$8.25	-
WORLDCOM NTWK. SOLUTIONS	Dallas, TX	214-571-0509	1worldcom.com	Sprint	3.088	35	Yes	Yes	\$19.95	500.00

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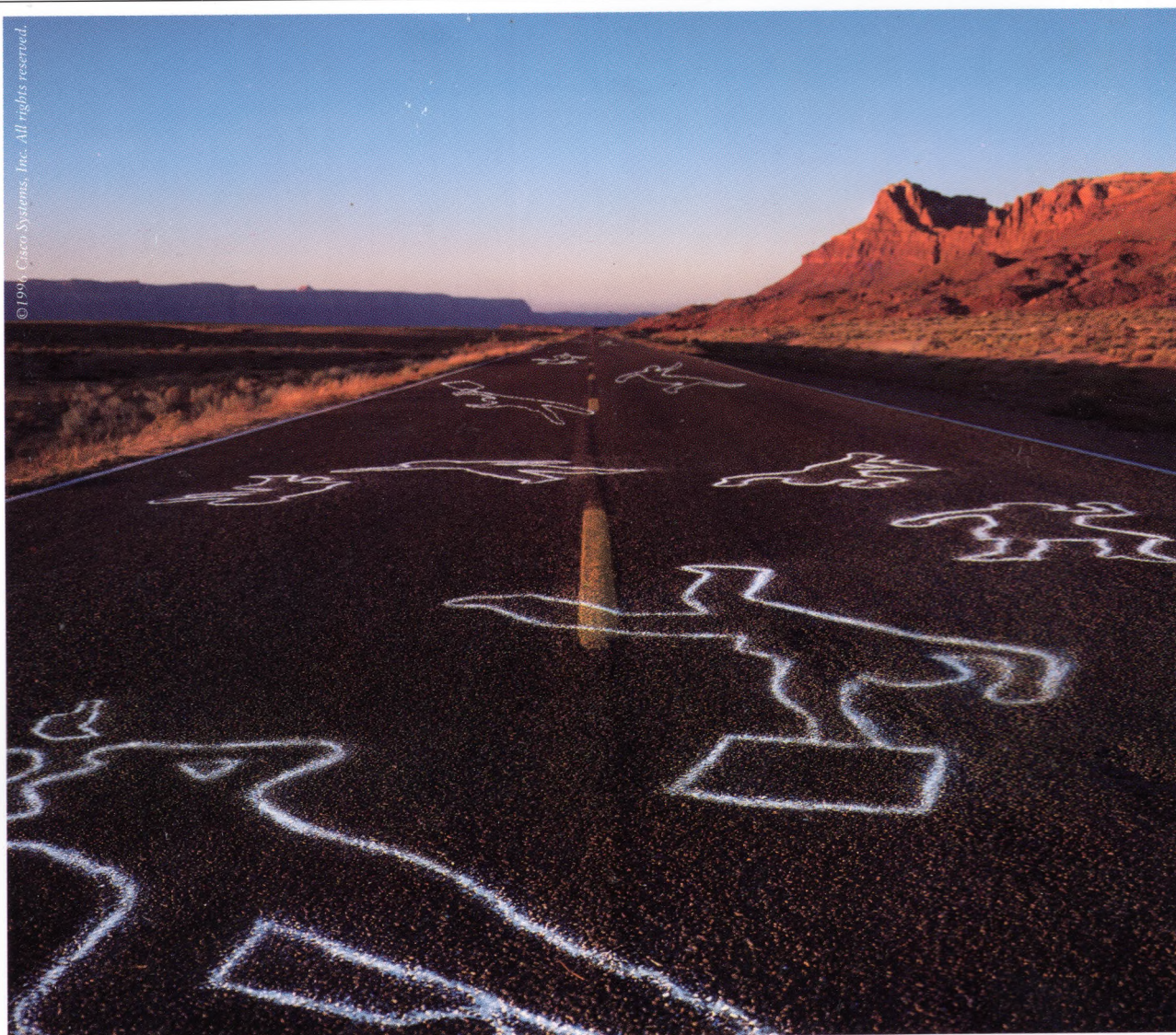
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